



ELECTRONIC SCORING SYSTEM Implementation Guidelines

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1. Hardware Requirements

This set up is the Noutamatic option*, that we recommend, since it enables the following advantages:

1. Never loose site of the airplane
2. Remind the judge of each figure through earphones
3. Print results and introduce corrections after each flight
4. Very easy to find buttons
5. No need of scribes

* The digital scoring system can be implemented also using tablets, computers or mobile phones, instead the of Noutamatic keyboards. If you will decide to adopt one of these alternatives, you will have to use a different software setup, available from Dan Carroll. However, the whole logic of the electronic scoring system will remain the same.



- ✓ One Laptop with Lan cable. (Both windows and mac will be compatible)



- ✓ One Raspberry Pi4 model B - 4Gb Ram



- ✓ One SD Card to be inserted into Raspberry: MicoSd Sandisk of at least 16 or 32 Gb A1 Class 10 U1



- ✓ One Noutamatic per Judge. Each machine will need:
 - ✓ One SD cards of at least 8 Gb Class 10 UHS-I
 - ✓ Thermal paper rolls 57 mm, diameter 35 mm
 - ✓ Battery, Lipo 3S 2200 mAh batteries and charger



- ✓ One UPS power strip (Optional, but highly recommended, to ensure continuity of energy supply in case of central power failure)



- ✓ Any Printer (Optional, but recommended. Scores can be viewed also through other computers and connected mobile phones or tables)

- ✓ Any Router (to create a second Wi-Fi network in order to ensure a stable connection dedicated to view scores on smartphones and tablets)



2. Software: Score 4.32 + FlightLine + Noutamatic



Lan Cable



2nd WI-FI cloud dedicated to ranking vision through smartphone and tables



Each flight result can be viewed on a smartphone or tablet through Wi-Fi connection with Score

Lan Cable



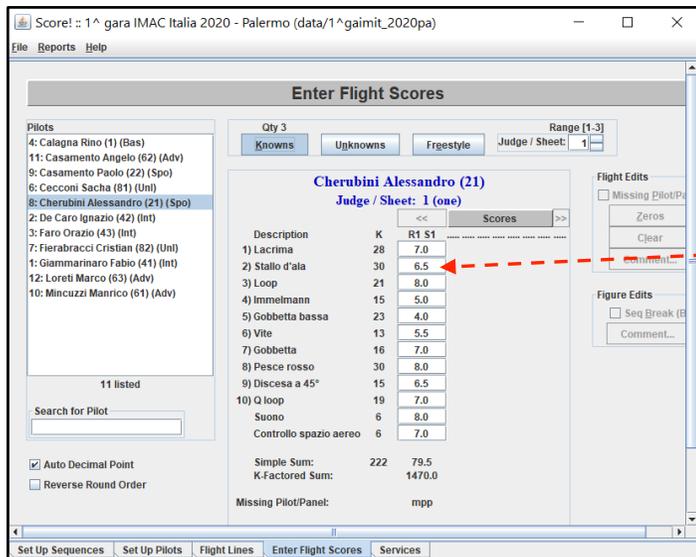
1st WI-FI cloud dedicated to raw score data exchange

Noutamatic is the software, installed into each Noutamatic SD card, enabling all the functionalities of the keyboard.



Score 4.32 is the IMAC software that enables to structure the competition and to process all judges scores, generating the competition ranking. It acquires each score data from FlightLine.

FlightLine is the IMAC software that, installed into the Raspberry SD card. It acquires each judge score from all the activated Noutamatic via Wi-Fi



Round Scores

Class: Sportsman
Round Type: Known Single
Round Number: 1
Schedule: 2020 Sportsman Known

Pilot: **Cherubini Alessandro (21)**

NUM.	FIGURE	SEQ 1 JUDGE 1 (RPP)	SEQ 1 JUDGE 2 (RPP)	SEQ 1 JUDGE 3
1	Lacrima	7	6	7
2	Stallo d'ala	6.5	7	6
3	Loop	8	4	7
4	Immelmann	5	Not observed	5
5	Gobbetta bassa	4	7	8
6	Vite	5.5	5	7
7	Gobbetta	7	6	6
8	Pesce rosso	8	7	7
9	Discesa a 45°	6.5	7	8
10	Q loop	7	5.5	5
11	Suono	8	7	6
12	Controllo spazio aereo	7	8	8

3. 1st Wi-Fi Cloud communication parameters

ALIGN PARAMETERS TO ENABLE COMMUNICATION WITHIN THE ESTABLISHED CABLE AND WI-FI CONNECTION



SCORE (Pc)
Score-4.32.jar
Login
U.N. : admin
PW : password

ETHERNET PC
IPV4 Address IP : 192.168.1.100
Subnet : 255.255.255.0
Gateway default : 192.168.1.1

Wi Fi PC
IPV4 Address IP : 192.168.1.200
Subnet : 255.255.255.0
Gateway default : 192.168.1.9

Even if the Lan connection is recommended, alternatively you can connect the PC to the Raspberry with WiFi

Cable LAN



Raspberry
 MicroSd
Flight Line
SSID = IMAC-ENG1
PW: imacenglish

FLIGHTLINE (Raspberry)
Google Chrome : 192.168.1.9
Login
U.N. : admin
PW : password

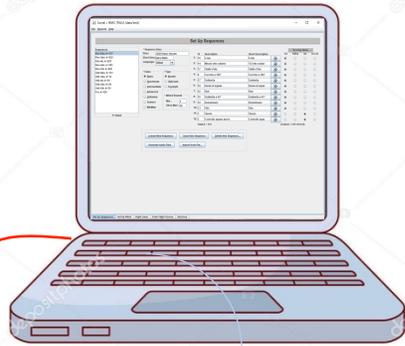
SD Card Notaumatic

SSID = IMAC-ENG1
PW: imacenglish
IPSERVER= 192.168.1.9
URLSERVER= 192.168.1.9



4. 2nd Wi-Fi cloud communication parameters

ALIGN PARAMETERS TO ENABLE COMMUNICATION WITHIN THE ESTABLISHED CABLE AND WI-FI CONNECTION



SCORE (Pc)

Score-4.32.jar

Login

U.N. : admin

PW : password

ETHERNET PC

IPV4 Address IP : 192.168.1.100

Subnet : 255.255.255.0

Gateway default : 192.168.1.1

Wi-Fi PC

IPV4 Address IP : 192.168.1.200

Subnet : 255.255.255.0

Gateway default : 192.168.1.9

FLIGHTLINE (Raspberry)

Google Chrome : 192.168.1.9

Login

U.N. : admin

PW : password



LAN Cable



Fritz!Box

Wi-Fi : IMAC-SCORE1

PW : *(none)*



SMARTPHONE

Wi-Fi network : IMAC-SCORE1

PW : *(none)*

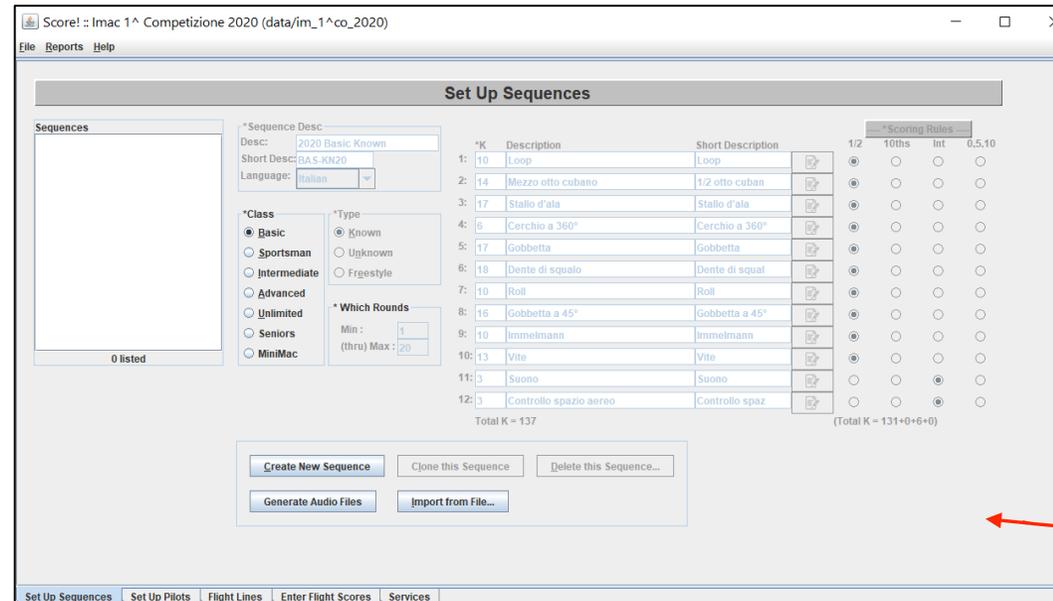
Browser : 192.168.1.100

5. Score 4.32

Score 4.32

Score-4.32.jar

- Written Dave Smith, U.S.A.
and Dan Carroll, Australia -



Score is installed on the PC and communicates via Lan Cable with FlightLine installed on the Raspberry

FlightLine



This is an evolution of the official Imac software, normally in use to calculate scores implementing the traditional paper and manual input process. This new release of the IMAC Score software acquires the competition scores from the FlightLine software installed into the Raspberry SD card. The communication can be established via Lan cable (suggested) or via Wi-Fi.

Score 4.32 has to be installed on the PC, enabling, as usual, the creation of the competition and the transfer of final results to the IMAC central website.

6. FlightLine

FlightLine for Noutamatic

- By Dan Carroll, Australia -

Score! Flightline controller - Guest

LOGIN LIVE SCORES

Records per page: 10 Search:

CLASS	ROUND TYPE	ROUND NUM.	SCHEDULE	SEQUENCES	PHASE	STATUS	FUNCTIONS
Basic	Known	1	2020 Basic Known	Single	Completed		
Basic	Known	2	2020 Basic Known	Single	Completed		
Sportsman	Known	1	2020 Sportsman Known	Single	Completed		
Intermediate	Known	1	2020 Intermediate Known	Single	Completed		
Intermediate	Known	2	2020 Intermediate Known	Single	Completed		
Advanced	Known	1	2020 Advanced Known	Single	Completed		
Sportsman	Unknown	1	2020 Sportsman Unknown	Single	Completed		
Intermediate	Unknown	1	2020 Intermediate Unknown	Single	Completed		
Unlimited	Known	1	2020 Unlimited Known	Single	Completed		
Unlimited	Known	2	2020 Unlimited Known	Single	Completed		
Unlimited	Unknown	1	2020 Unlimited Unknown	Single	Completed		
Basic	Unknown	1	2020 Basic Unknown	Single	Completed		
Basic	Known	3	2020 Basic Known	Single	Completed		
Sportsman	Known	2	2020 Sportsman Known	Single	Completed		
Sportsman	Known	3	2020 Sportsman Known	Single	Completed		
Intermediate	Known	3	2020 Intermediate Known	Single	Completed		

Total of 16 records (showing 1 to 15)

FlightLine is the software developed to receive, into the Raspberry, all the competition scores coming from the Noutamatics and to transfer them to the Score application installed in the PC. All data transfer happen in real time through the established local 1st Wi-Fi connection from Noutamatics to Raspberry and through Lan cable from the Raspberry to the PC.

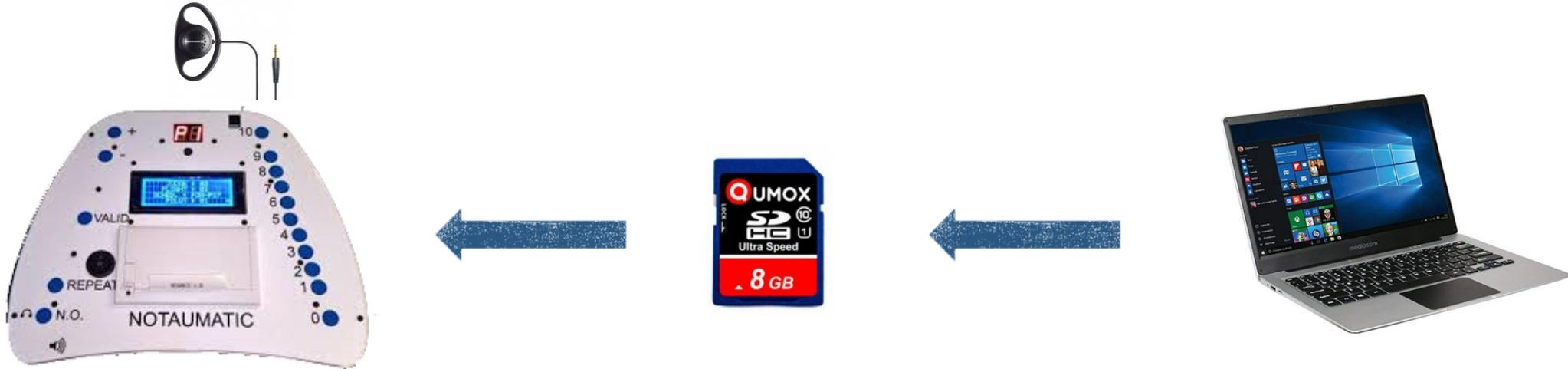
Insert the card into the Raspberry and then install FlightLine into the card from your PC, connected via Lan cable to the Raspberry.



A MicroSd card of at least 16 or 32 Gb, operating in Linux environment, has to be installed into a Raspberry Pi4 (also a Pi3 could be used, but we definitely advise to use the more powerful Pi4 version).

After connecting the PC to the Raspberry, through the Lan cable, the Flight line software has to be installed into the MicroSd card (installation procedure attached to this manual).

7. Noutamatic

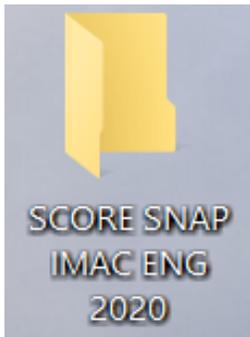


- ✓ The software enabling to score maneuvers through the the Noutamatic keyboard has to be loaded on the SD cad. After having been programmed in the PC, the card has to be inserted into the card slot of the Noutamatic.
- ✓ The SD card has to be formatted and then loaded with the Noutamatic software.
- ✓ The Software has to be programmed inserting the data communication parameters and all the information required to manage the competition
- ✓ An earphone can be plugged into the Noutamatic, enabling voice announcements to the judges at the beginning of each maneuver.
- ✓ The audio files, .waw, enabling the announcements have to be programmed via Score and then inserted in the Noutamatic cards.

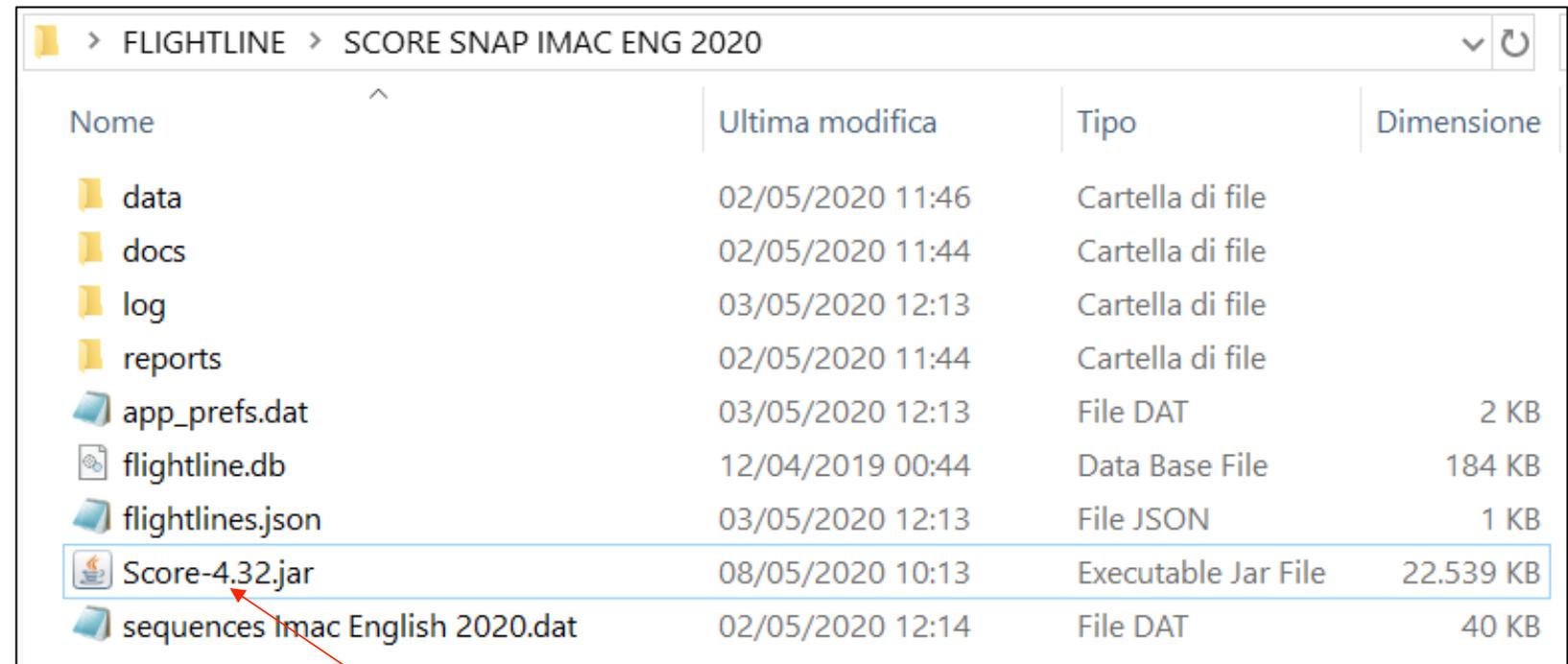
8. Install Score 4.32

Download or receive Score 4.32 and install it in your PC as a folder. Then open the folder and click on the start up application file.

The programming of a competition into Score 4.32 has remained unchanged versus the usual procedure characterizing previous versions of the software (find below an Italian example).



Download or copy the Score folder on the desktop or your PC

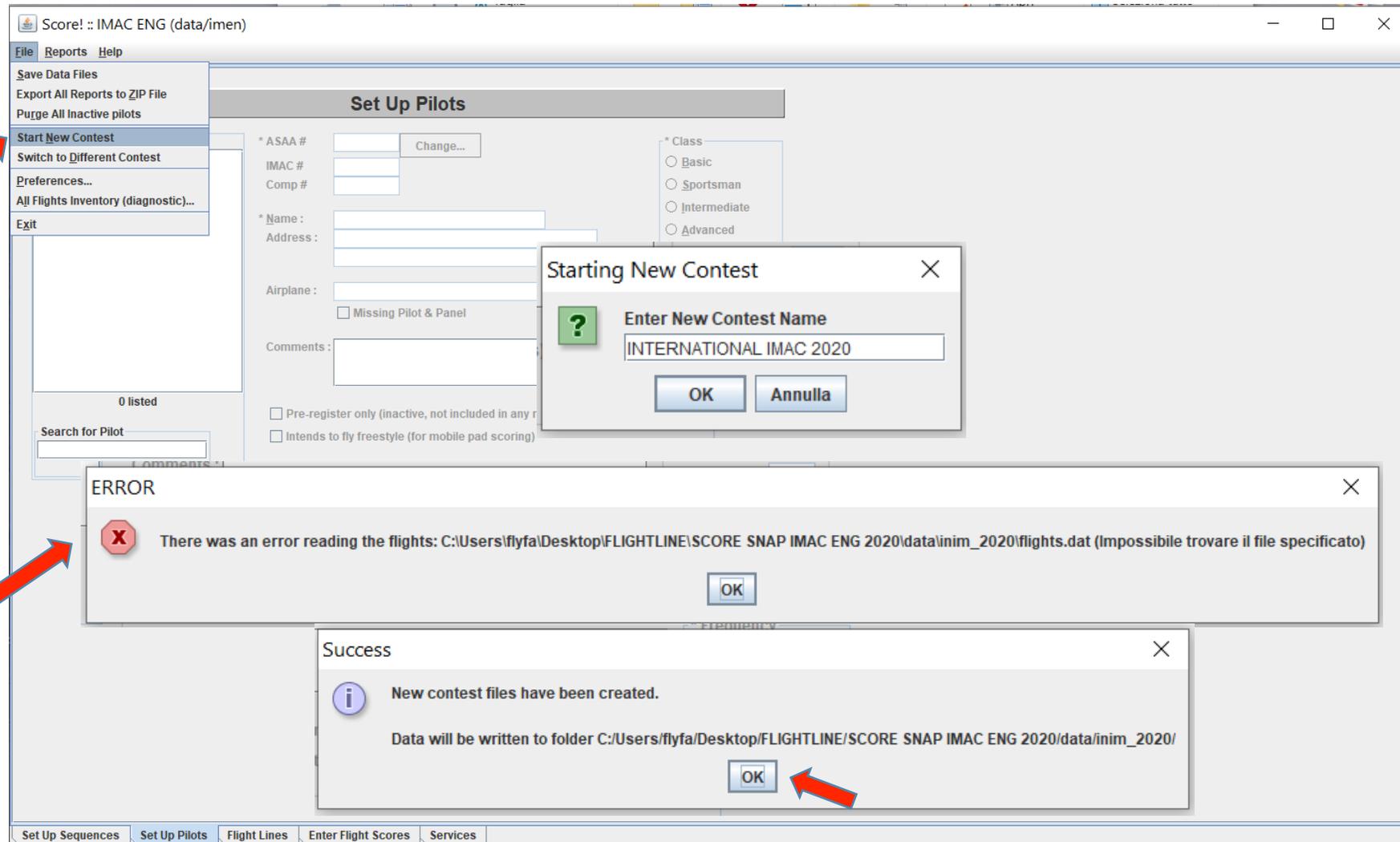


Nome	Ultima modifica	Tipo	Dimensione
data	02/05/2020 11:46	Cartella di file	
docs	02/05/2020 11:44	Cartella di file	
log	03/05/2020 12:13	Cartella di file	
reports	02/05/2020 11:44	Cartella di file	
app_prefs.dat	03/05/2020 12:13	File DAT	2 KB
flightline.db	12/04/2019 00:44	Data Base File	184 KB
flightlines.json	03/05/2020 12:13	File JSON	1 KB
Score-4.32.jar	08/05/2020 10:13	Executable Jar File	22.539 KB
sequences Imac English 2020.dat	02/05/2020 12:14	File DAT	40 KB

Open the folder and then start up the application from this file

8.a. Program Score to initialize a competition

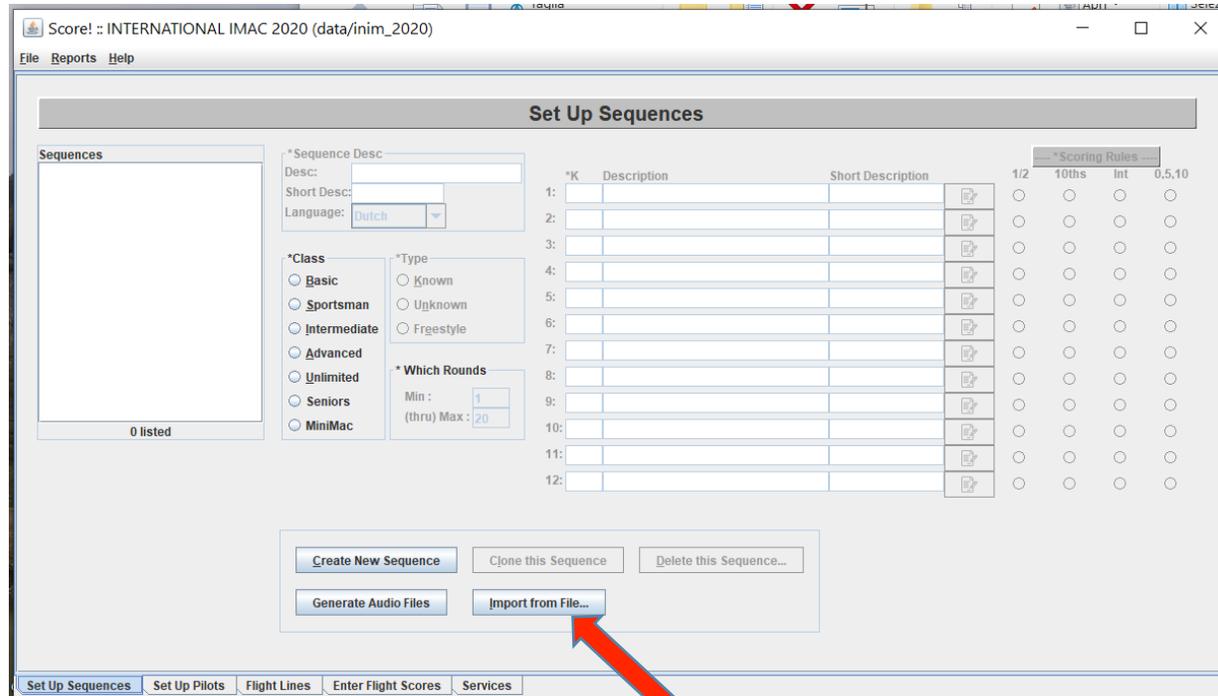
Initialize a new Contest



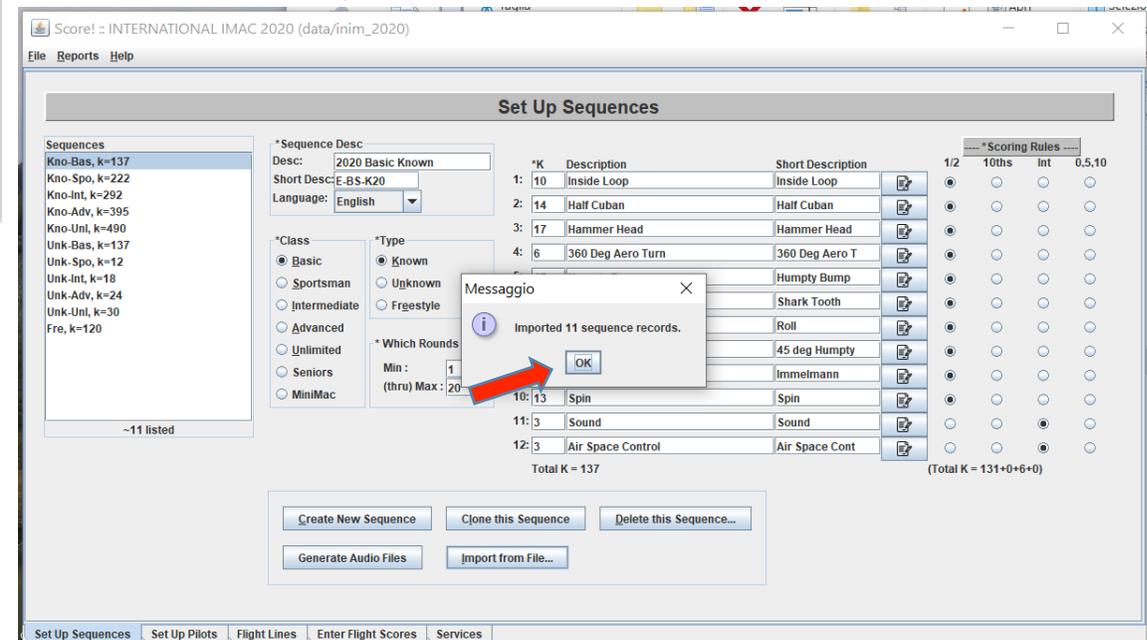
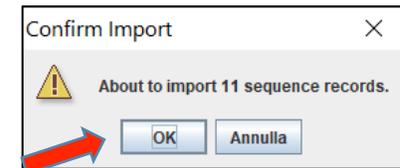
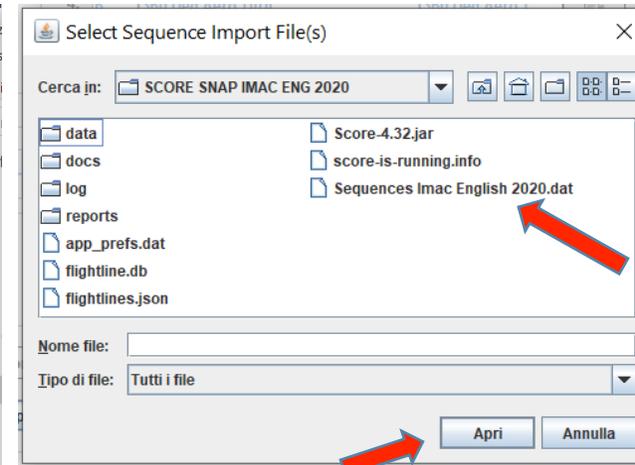
The screenshot shows the 'Set Up Pilots' window in the IMAC ENG software. The 'File' menu is open, and 'Start New Contest' is highlighted. A dialog box titled 'Starting New Contest' is displayed, prompting the user to 'Enter New Contest Name' with the text 'INTERNATIONAL IMAC 2020' entered. Below this, there is an 'ERROR' dialog box with a red 'X' icon and the message: 'There was an error reading the flights: C:\Users\flyfa\Desktop\FLIGHTLINE\SCORE SNAP IMAC ENG 2020\data\inim_2020\flights.dat (Impossibile trovare il file specificato)'. At the bottom, a 'Success' dialog box with an information icon states: 'New contest files have been created. Data will be written to folder C:\Users\flyfa\Desktop\FLIGHTLINE\SCORE SNAP IMAC ENG 2020\data\inim_2020/'. The software interface includes fields for ASAA #, IMAC #, Comp #, Name, Address, Airplane, and Class (Basic, Sportsman, Intermediate, Advanced). There are also checkboxes for 'Missing Pilot & Panel', 'Pre-register only', and 'Intends to fly freestyle'. The bottom of the window has tabs for 'Set Up Sequences', 'Set Up Pilots', 'Flight Lines', 'Enter Flight Scores', and 'Services'.

Even if it gives the error message continue

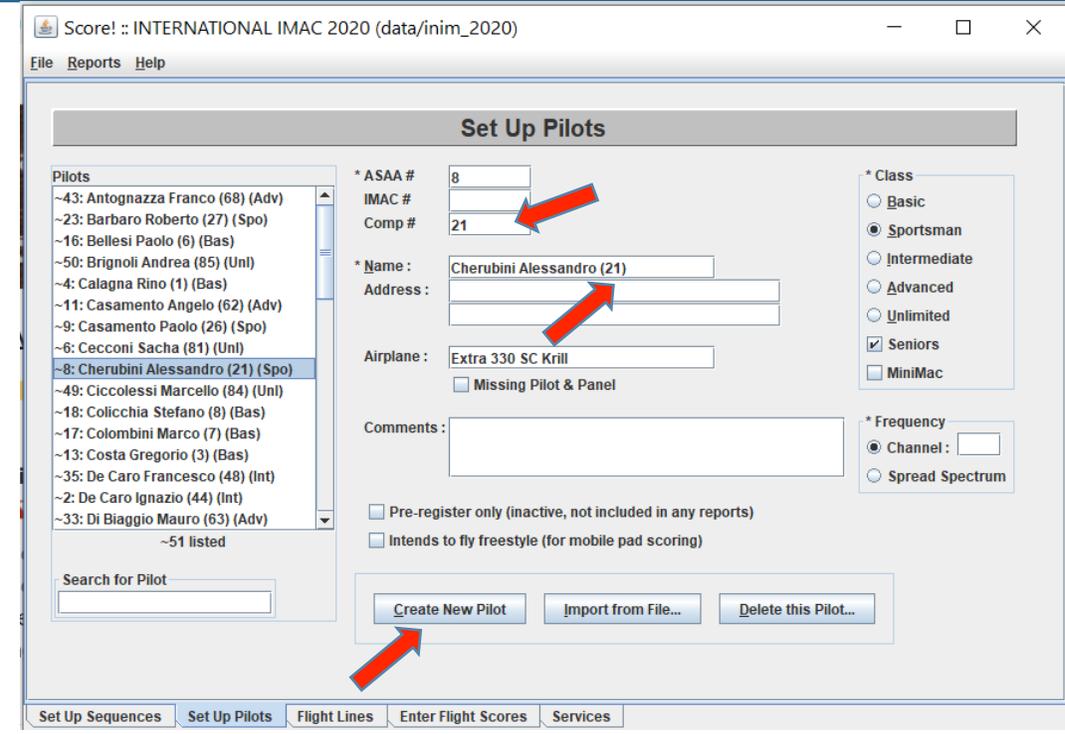
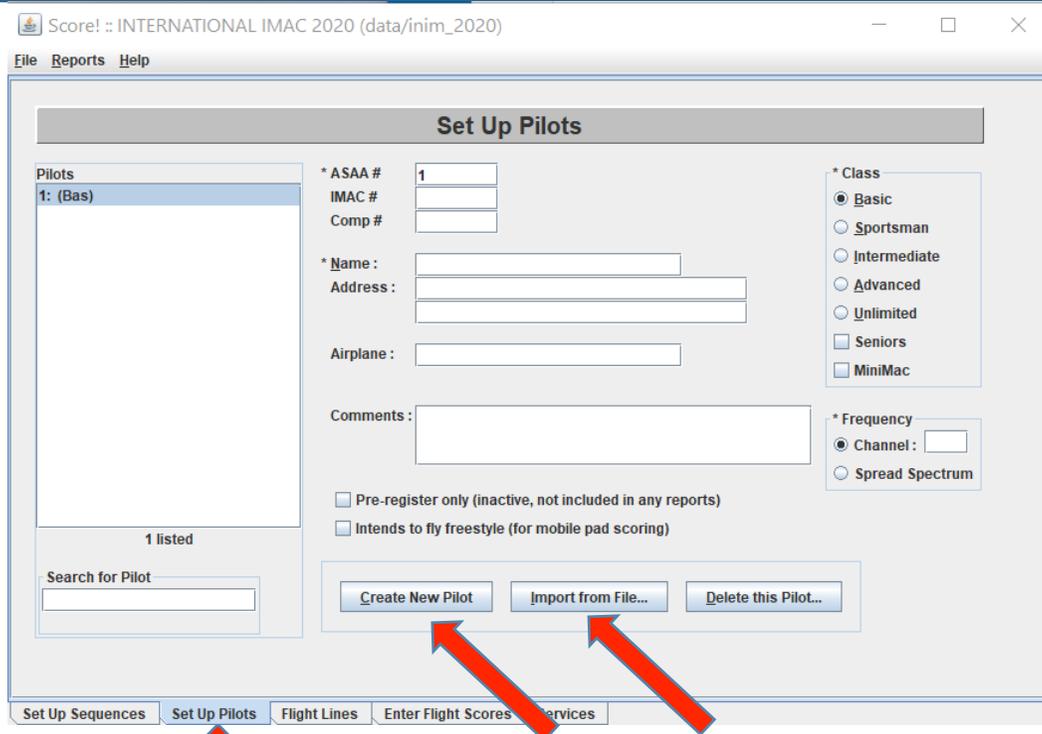
8.b. Set up sequences



Enter the sequences of the current year or, if already created elsewhere, just import them.



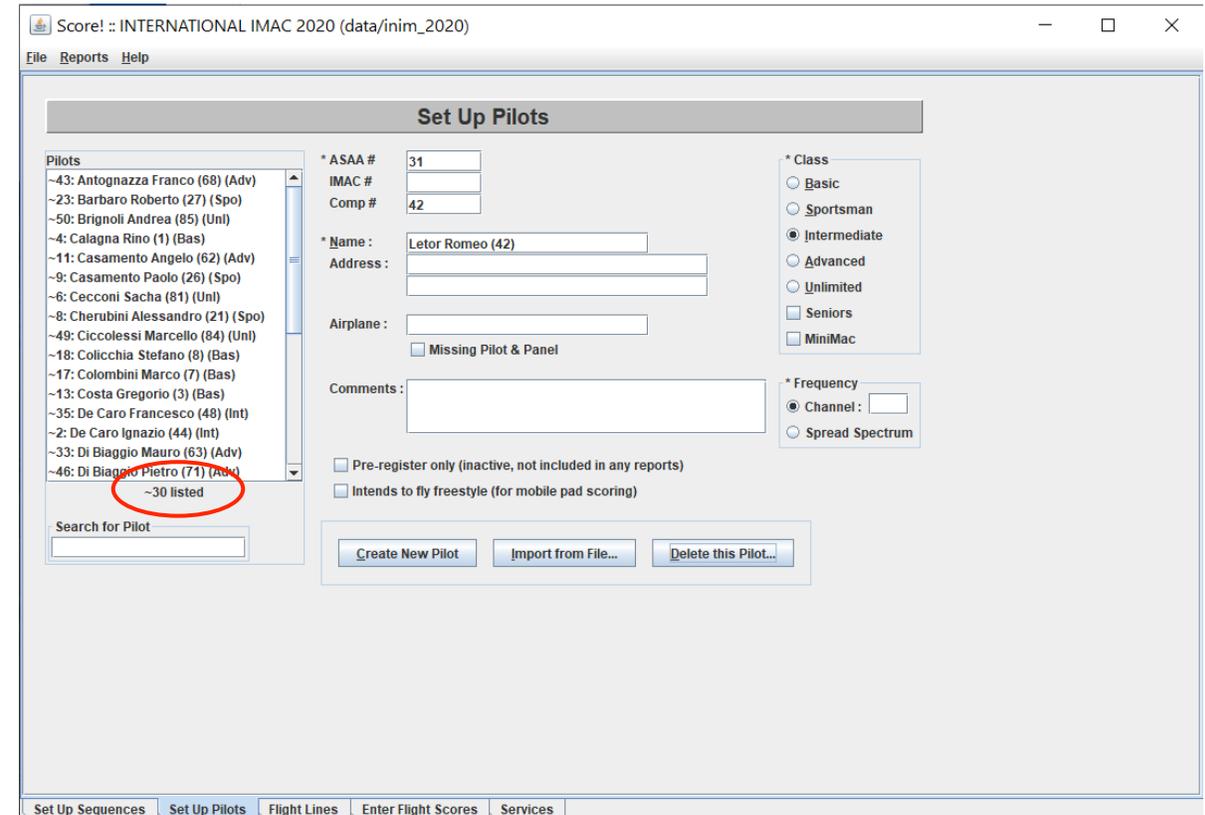
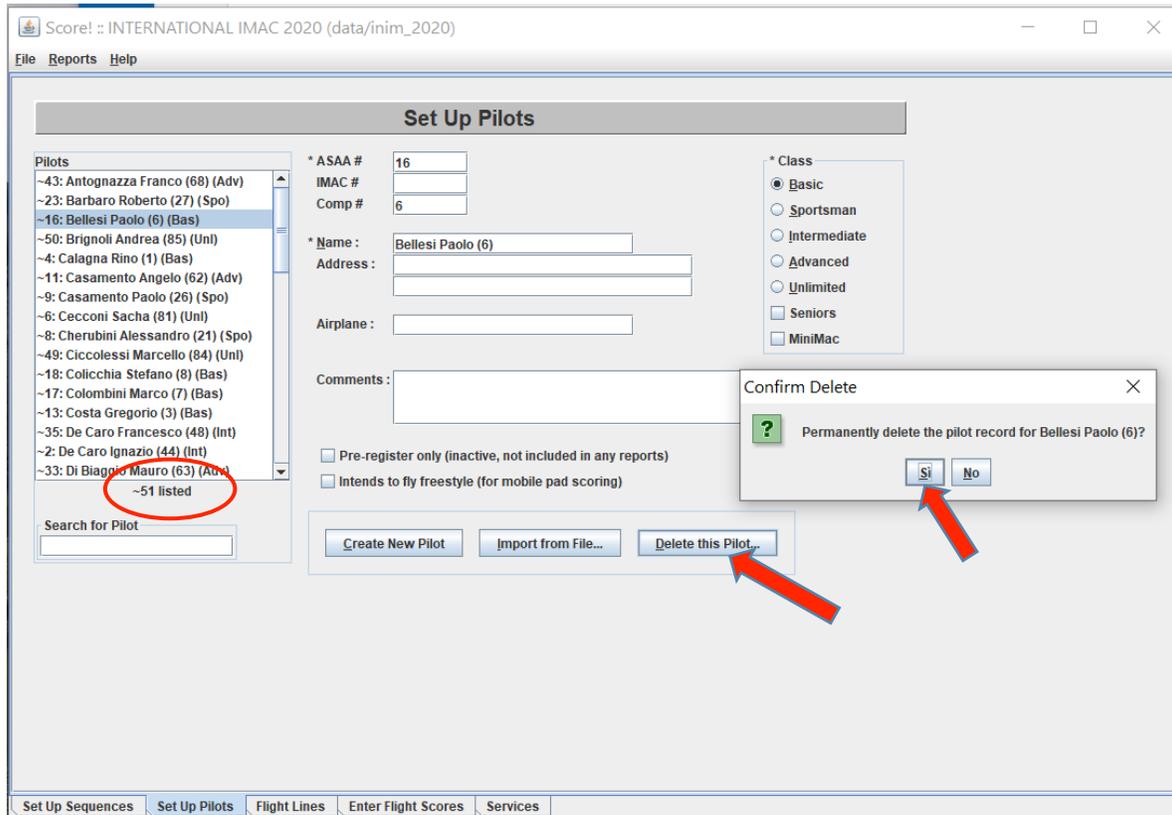
8.c. Input names of participating pilots



Insert the each name of the pilots participating to the competition or import the whole available list from the Regional or National data base (this process saves a lot of work in preparing each contest)

Each competitor should be assigned a pectoral number, that the competitor should show with a sticker on his shirt, if possible. It is mandatory to input this number after each competitor name into Score, as this number will be displayed in the Flightline and in the Notaumatic. This number will also show on each ranking printout or smartphone visualization.

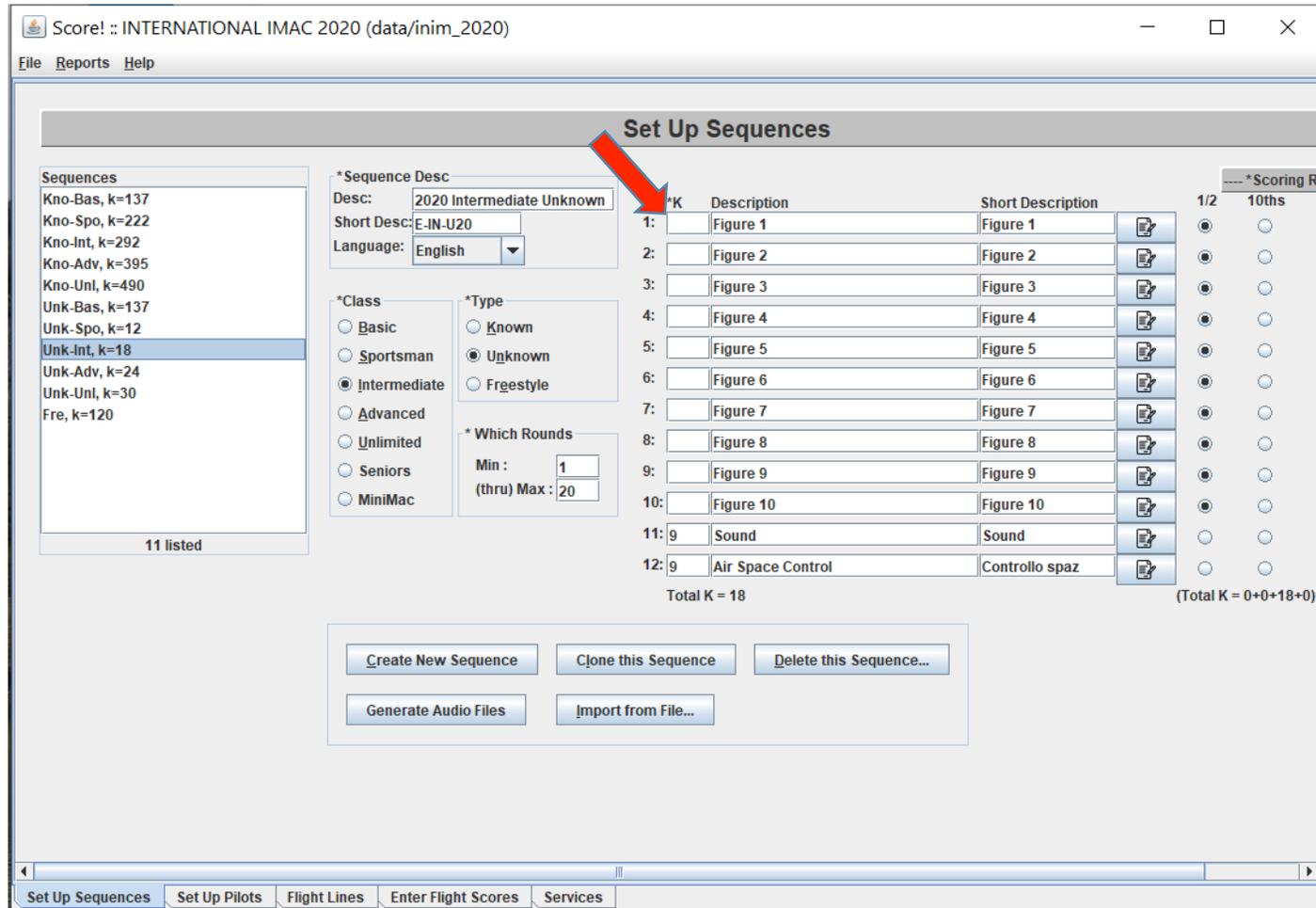
8.d. Exclude non participating pilots



If you have imported the whole Regional or National pilot list, you will have to eliminate the ones who will not participate to the competition you are organizing.

At the end of this process, only the pilots participating to the competition will remain in the competition data base

8.e. Insert K value for unknown sequences



Score! :: INTERNATIONAL IMAC 2020 (data/inim_2020)

File Reports Help

Set Up Sequences

* Sequence Desc
Desc: 2020 Intermediate Unknown
Short Desc: E-IN-U20
Language: English

* Class
 Basic
 Sportsman
 Intermediate
 Advanced
 Unlimited
 Seniors
 MiniMac

* Type
 Known
 Unknown
 Freestyle

* Which Rounds
Min : 1
(thru) Max : 20

*K	Description	Short Description	1/2	10ths
1:	Figure 1	Figure 1	<input checked="" type="radio"/>	<input type="radio"/>
2:	Figure 2	Figure 2	<input checked="" type="radio"/>	<input type="radio"/>
3:	Figure 3	Figure 3	<input checked="" type="radio"/>	<input type="radio"/>
4:	Figure 4	Figure 4	<input checked="" type="radio"/>	<input type="radio"/>
5:	Figure 5	Figure 5	<input checked="" type="radio"/>	<input type="radio"/>
6:	Figure 6	Figure 6	<input checked="" type="radio"/>	<input type="radio"/>
7:	Figure 7	Figure 7	<input checked="" type="radio"/>	<input type="radio"/>
8:	Figure 8	Figure 8	<input checked="" type="radio"/>	<input type="radio"/>
9:	Figure 9	Figure 9	<input checked="" type="radio"/>	<input type="radio"/>
10:	Figure 10	Figure 10	<input checked="" type="radio"/>	<input type="radio"/>
11:	9 Sound	Sound	<input type="radio"/>	<input type="radio"/>
12:	9 Air Space Control	Controllo spaz	<input type="radio"/>	<input type="radio"/>

Total K = 18 (Total K = 0+0+18+0)

Create New Sequence Clone this Sequence Delete this Sequence...
Generate Audio Files Import from File...

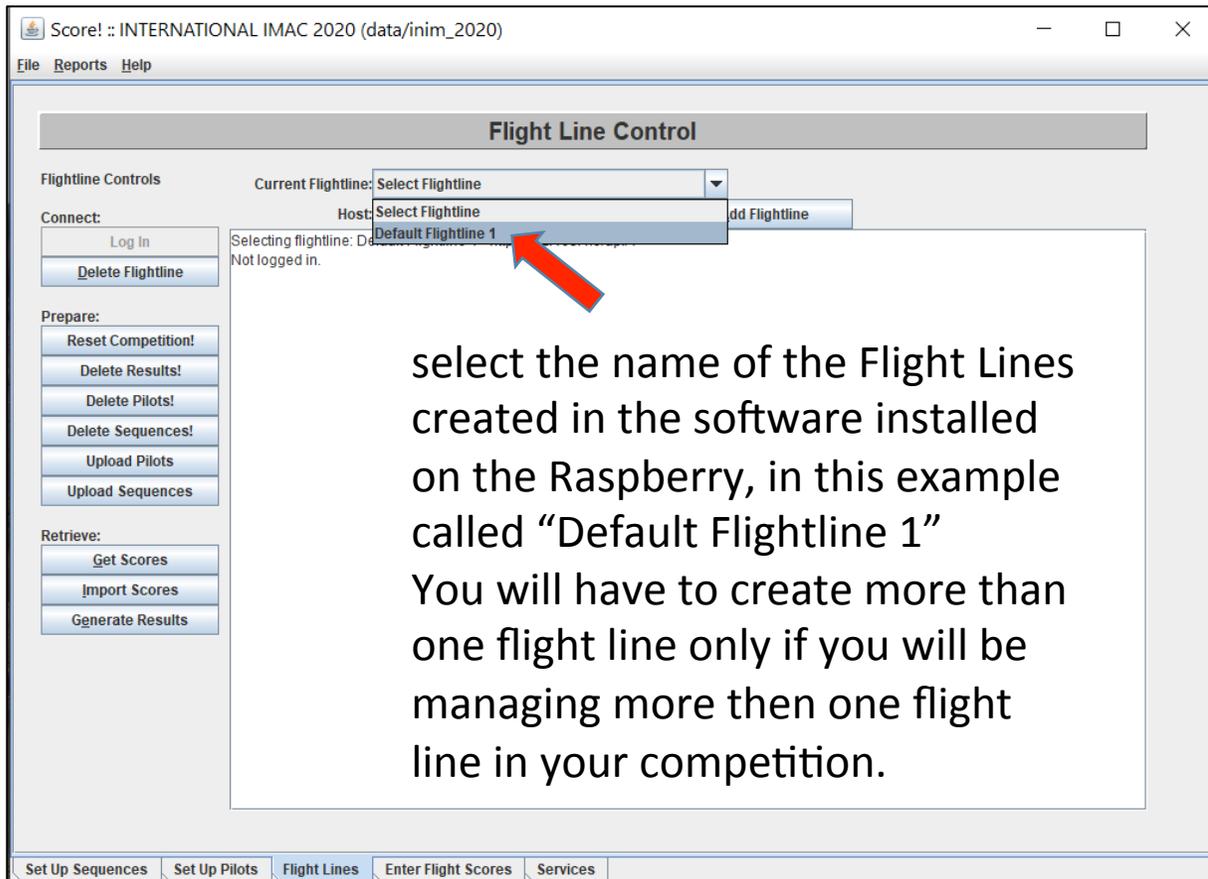
Set Up Sequences Set Up Pilots Flight Lines Enter Flight Scores Services

When the unknown sequences arrive from the Central IMAC Commission:

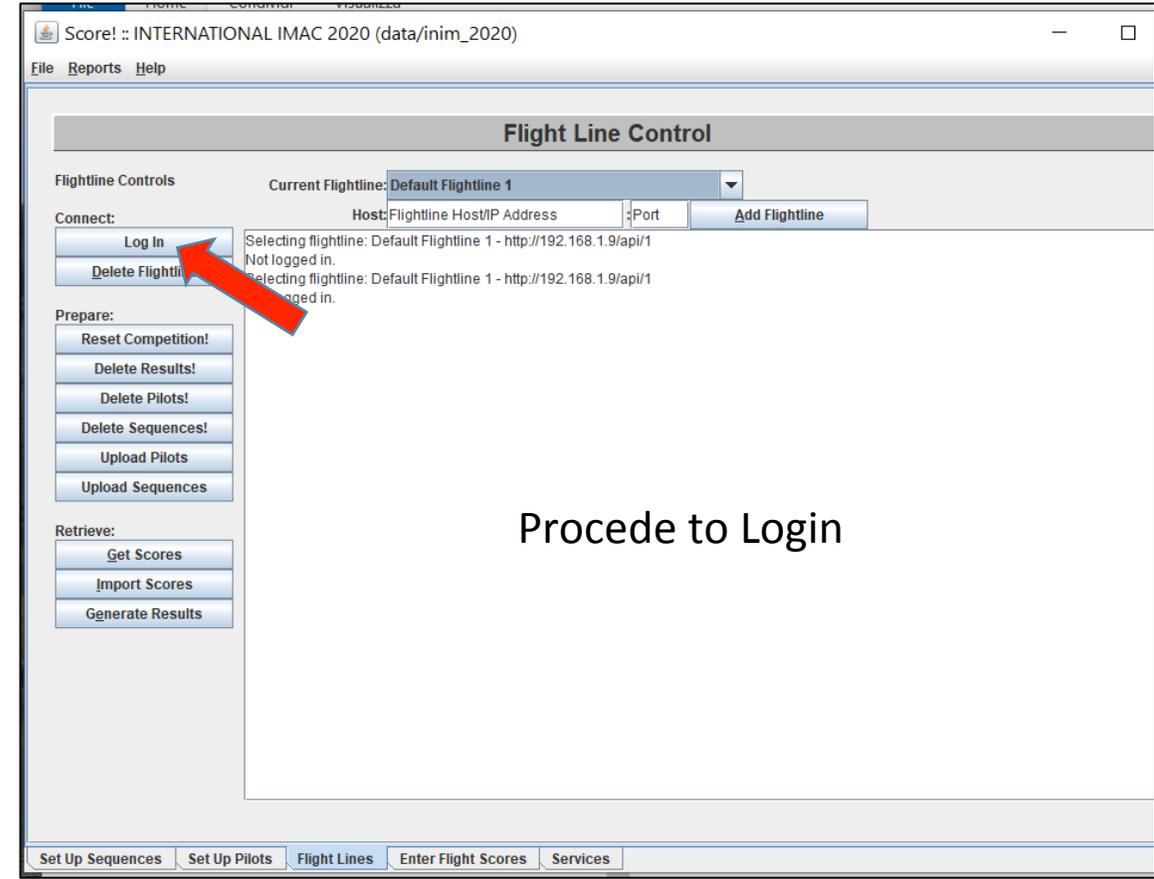
- ✓ Insert the K value for each maneuver;
- ✓ Do not insert the name of the maneuver if you are not interested in voice calling;
- ✓ If you want to enable voice calling, insert the maneuver names. Score will automatically generate the voice files to be inserted into the Noutamatic SD cards.

8.f. Align Score with FlightLine

The Flightline name inserted in Score has to be identical to the one defined in the FlightLine software loaded on the Raspberry . Proceed to login into FlightLine (assuming you have already set up and aligned all IP codes, as per slide 3).



select the name of the Flight Lines created in the software installed on the Raspberry, in this example called "Default Flightline 1"
You will have to create more than one flight line only if you will be managing more than one flight line in your competition.



Proceed to Login

Click the FlightLine tab and insert the name

9. Download FlightLine

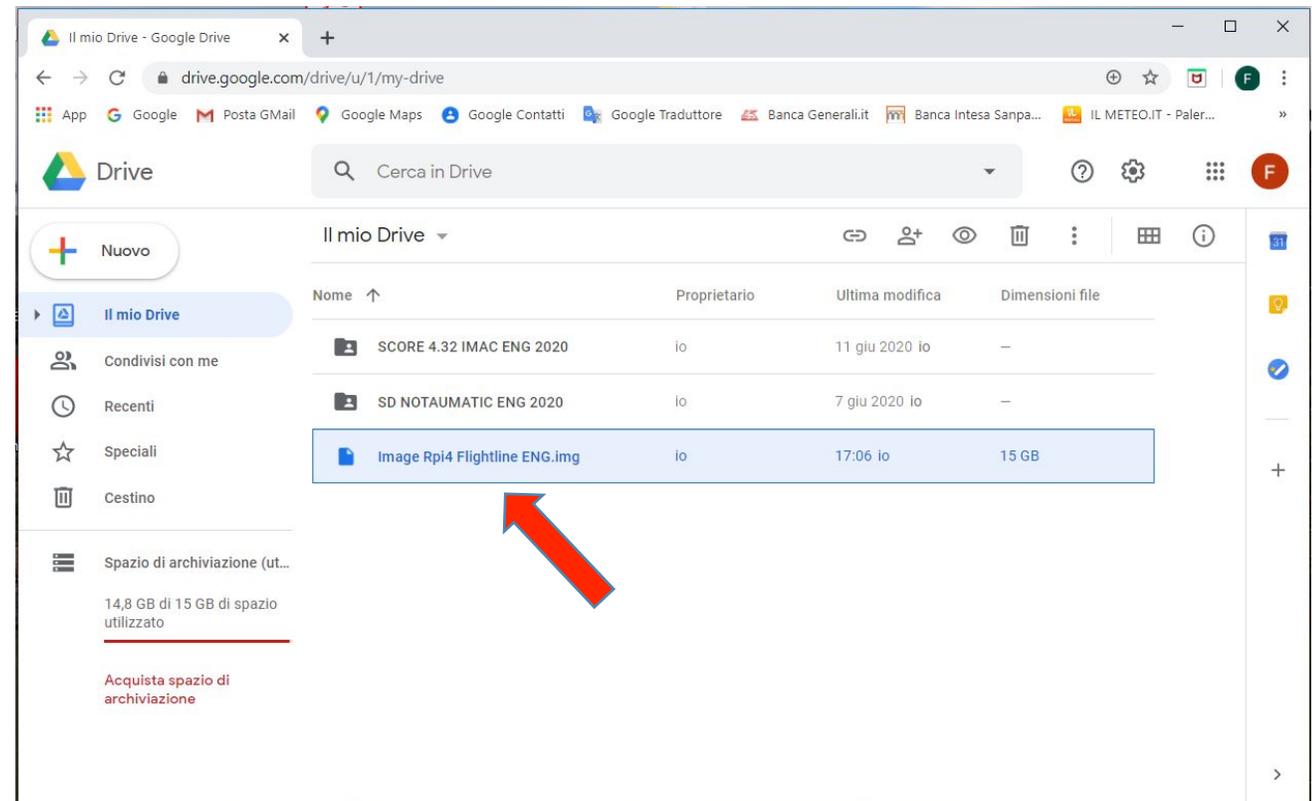
To download the Flightline software, the Score and the SD files of the Notaumatic, send an email to Fabio Giammarinaro at flyfabio62@gmail.com. He will set up the transfer process via Google Drive.

In case you will not be able to accomplish this installation task, you will be able to activate the following options:

1. We will be able to provide you with online or email remote assistance. To ask for support please email Alessandro Cherubini at acherubini@tiscali.it
2. If you will prefer, we will be able to send you the Raspberry SD card already programmed and follow up with remote assistance

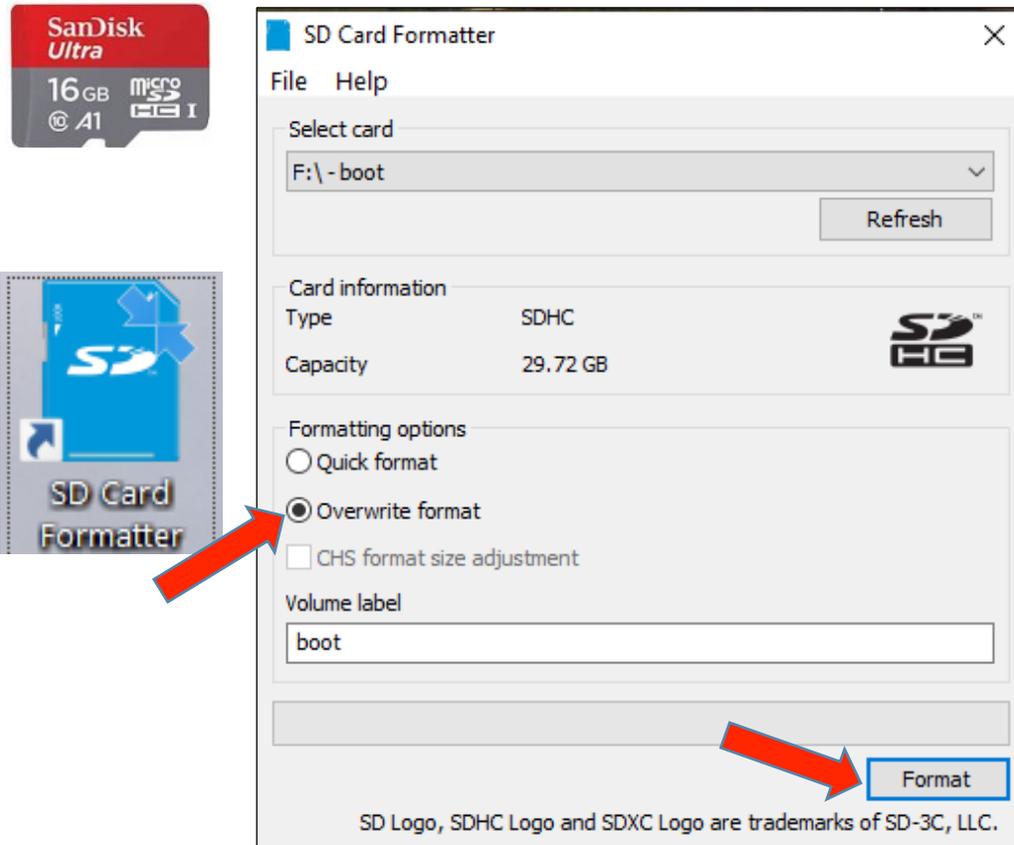
However, it is recommended that you involve some local IT competence, as it has been done in all the places where the system has already been activated.

As soon as the email with the files sharing option arrives, download the files from Google Drive

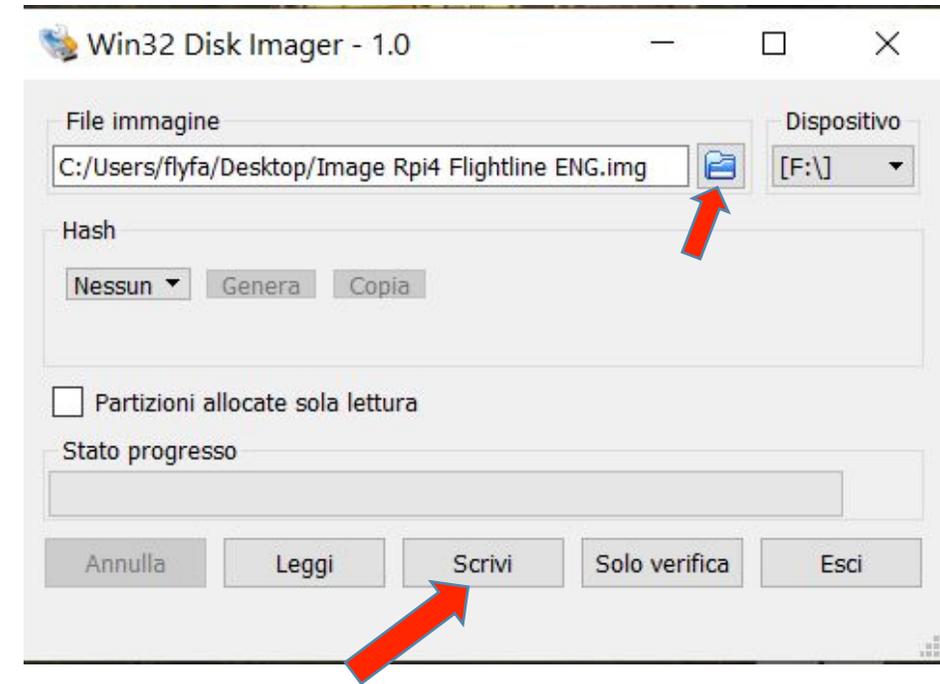


9.a. To download FlighLine from Google Drive

After installing an external USB card reader, format your new SD Card with the SD Card format software in Overwrite format mode (it takes about 30' minutes for a 32 Gb card)



Then open the Win32 DiskImager software, click in the folder and search the PC for the "Flightline and Raspberry 4.img image" file previously downloaded from Google Drive. It takes about 30' to copy the image file to the SD Card. After this operation, all the software including the Raspberry. The Raspbian operating system and the FlightLine will be installed.



Both the SD Card Formatter software and Win32DiskImager can be downloaded for free from the web

8.b. Access FlightLine from Google Chrome

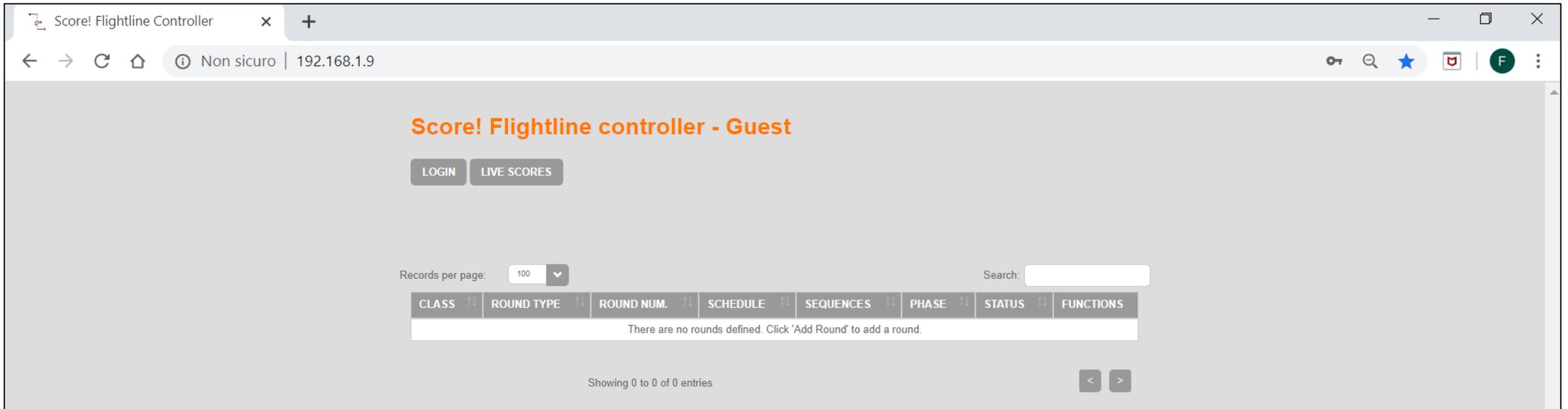


Launch Google Chrome, insert the Raspberry IP code (set into the SD card), access FlightLine on the Raspberry.

Set the Raspberry IP address on a static mode, so that it doesn't continue to change at every initialization.



FlightLine screen without previous competitions, ready to be programmed for your next competition



9.c. Insert FlightLine Admin and Password

INSERT ADMIN NAME AND PASSWORD



Login

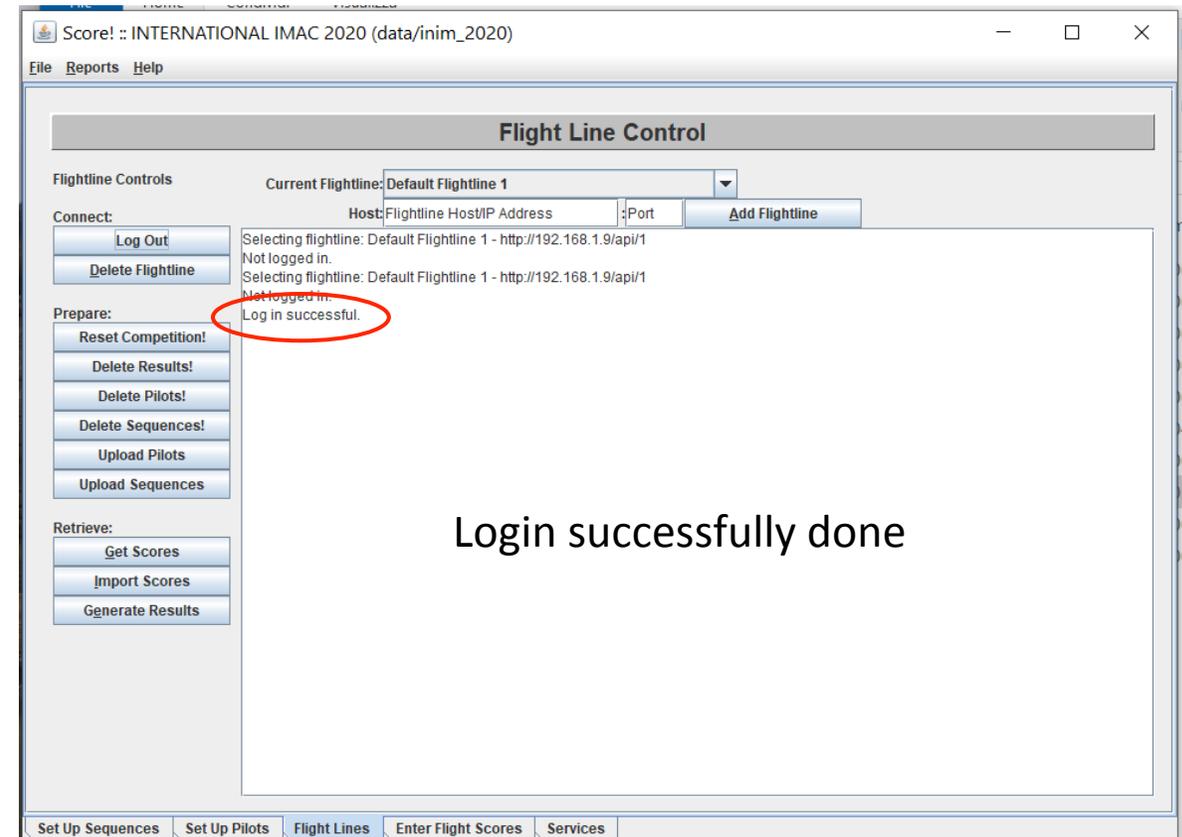
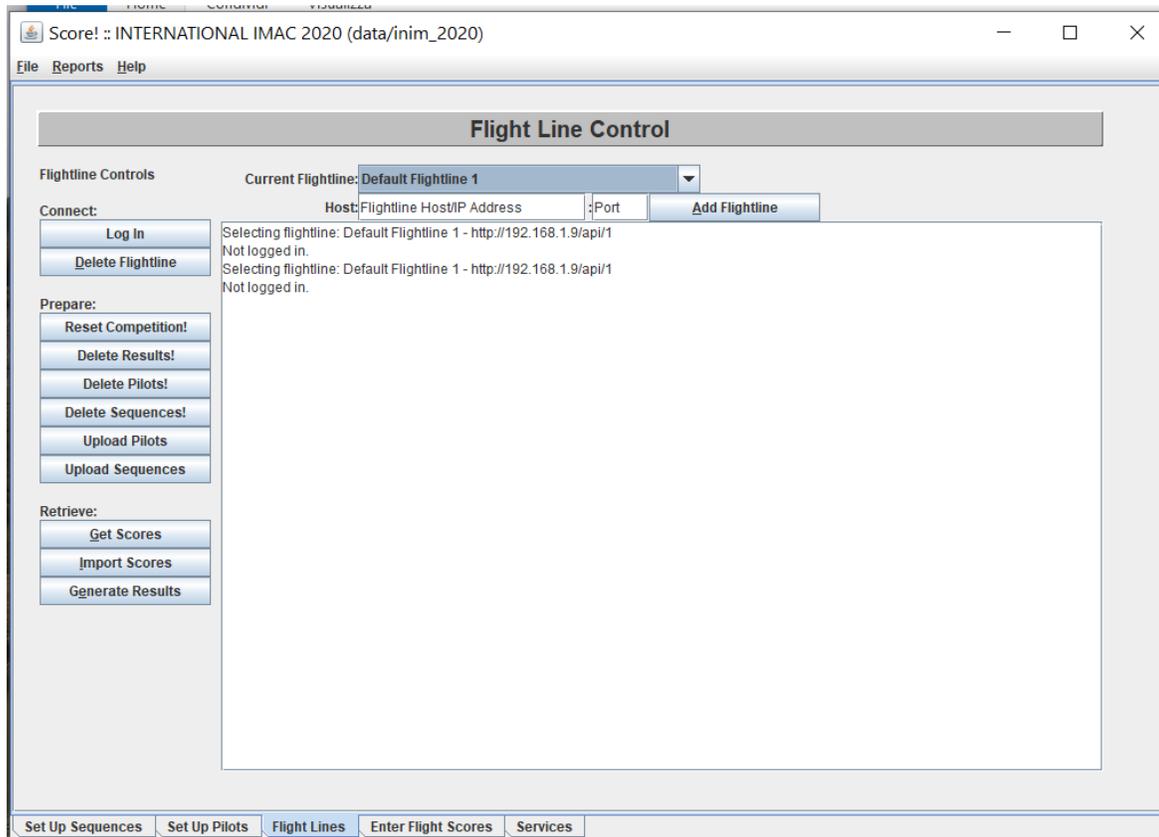
Name :

Password :

OK Cancel

Insert «password»

Connect your PC to the Raspberry via Lan cable and open the FlightLine application



Login successfully done

9.d. Delete all previous data

This is the FlightLine controller showing the inserted rounds of a previous competition.

It is very important to completely erase this old data and to clear the FlightLine data base before initializing a new competition.

This is done in two steps:

1. Log into FlightLine as Admin
2. Operate from the Score menu to erase all previous data (see next two slides)

Score! Flightline controller - Guest

LOGIN LIVE SCORES

Records per page: 100 Search:

CLASS	ROUND TYPE	ROUND NUM.	SCHEDULE	SEQUENCES	PHASE	STATUS	FUNCTIONS
Basic	Known	1	2020 Basic Known	Single	Completed		
Basic	Known	2	2020 Basic Known	Single	Completed		
Sportsman	Known	1	2020 Sportsman Known	Single	Completed		
Intermediate	Known	1	2020 Intermediate Known	Single	Completed		
Intermediate	Known	2	2020 Intermediate Known	Single	Completed		
Advanced	Known	1	2020 Advanced Kowwn	Single	Completed		
Sportsman	Unknown	1	2020 Sportsman Unknown	Single	Completed		
Intermediate	Unknown	1	2020 Intermediate Unknown	Single	Completed		
Unlimited	Known	1	2020 Unlimited Known	Single	Completed		
Unlimited	Known	2	2020 Unlimited Known	Single	Completed		
Unlimited	Unknown	1	2020 Unlimited Unknown	Single	Completed		
Basic	Unknown	1	2020 Basic Unknown	Single	Completed		
Basic	Known	3	2020 Basic Known	Single	Completed		
Sportsman	Known	2	2020 Sportsman Known	Single	Completed		
Sportsman	Known	3	2020 Sportsman Known	Single	Completed		
Intermediate	Known	3	2020 Intermediate Known	Single	Completed		

Total of 16 records (showing 1 to 16) < 1 >

9.e. Log in to delete all previous data

As first step, log into FlightLine by inserting your Admin name and password

Score! Flightline controller - Guest

LOGIN LIVE SCORES

Records per page: 100 Search:

CLASS	ROUND TYPE	ROUND NUM	SCHEDULE	SEQUENCES	PHASE	STATUS	FUNCTIONS
Basic	Known	1	2020 Basic Known	Single	Completed		
Basic	Known	2	2020 Basic Known	Single	Completed		
Sportsman	Known	1	2020 Sportsman Known	Single	Completed		
Intermediate	Known	1	2020 Intermediate Known	Single	Completed		
Intermediate	Known	2	2020 Intermediate Known	Single	Completed		
Advanced	Known	1	2020 Advanced Known	Single	Completed		
Sportsman	Unknown	1	2020 Sportsman Unknown	Single	Completed		
Intermediate	Unknown	1	2020 Intermediate Unknown	Single	Completed		
Unlimited	Known	1	2020 Unlimited Known	Single	Completed		
Unlimited	Known	2	2020 Unlimited Known	Single	Completed		
Unlimited	Unknown	1	2020 Unlimited Unknown	Single	Completed		
Basic	Unknown	1	2020 Basic Unknown	Single	Completed		
Basic	Known	3	2020 Basic Known	Single	Completed		
Sportsman	Known	2	2020 Sportsman Known	Single	Completed		
Sportsman	Known	3	2020 Sportsman Known	Single	Completed		
Intermediate	Known	3	2020 Intermediate Known	Single	Completed		

Total of 18 records (showing 1 to 16)

Score! Flightline controller - Logged in as Comp Admin

LOGOUT LIVE SCORES ADD ROUND

Records per page: 100 Search:

CLASS	ROUND TYPE	ROUND NUM	SCHEDULE	SEQUENCES	PHASE	STATUS	FUNCTIONS
Basic	Known	1	2020 Basic Known	Single	Completed		
Basic	Known	2	2020 Basic Known	Single	Completed		
Sportsman	Known	1	2020 Sportsman Known	Single	Completed		
Intermediate	Known	1	2020 Intermediate Known	Single	Completed		
Intermediate	Known	2	2020 Intermediate Known	Single	Completed		
Advanced	Known	1	2020 Advanced Known	Single	Completed		
Sportsman	Unknown	1	2020 Sportsman Unknown	Single	Completed		
Intermediate	Unknown	1	2020 Intermediate Unknown	Single	Completed		
Unlimited	Known	1	2020 Unlimited Known	Single	Completed		
Unlimited	Known	2	2020 Unlimited Known	Single	Completed		
Unlimited	Unknown	1	2020 Unlimited Unknown	Single	Completed		
Basic	Unknown	1	2020 Basic Unknown	Single	Completed		
Basic	Known	3	2020 Basic Known	Single	Completed		
Sportsman	Known	2	2020 Sportsman Known	Single	Completed		
Sportsman	Known	3	2020 Sportsman Known	Single	Completed		
Intermediate	Known	3	2020 Intermediate Known	Single	Completed		

Total of 18 records (showing 1 to 16)

Login

Username:

Password:

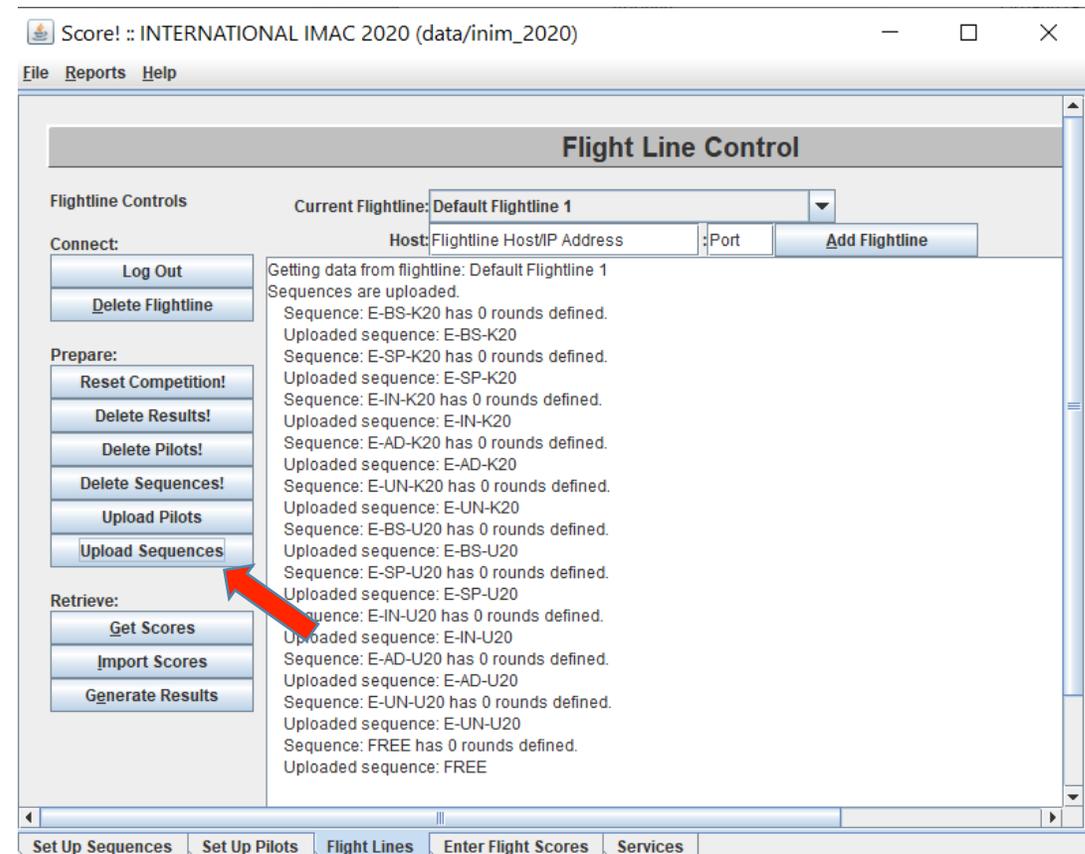
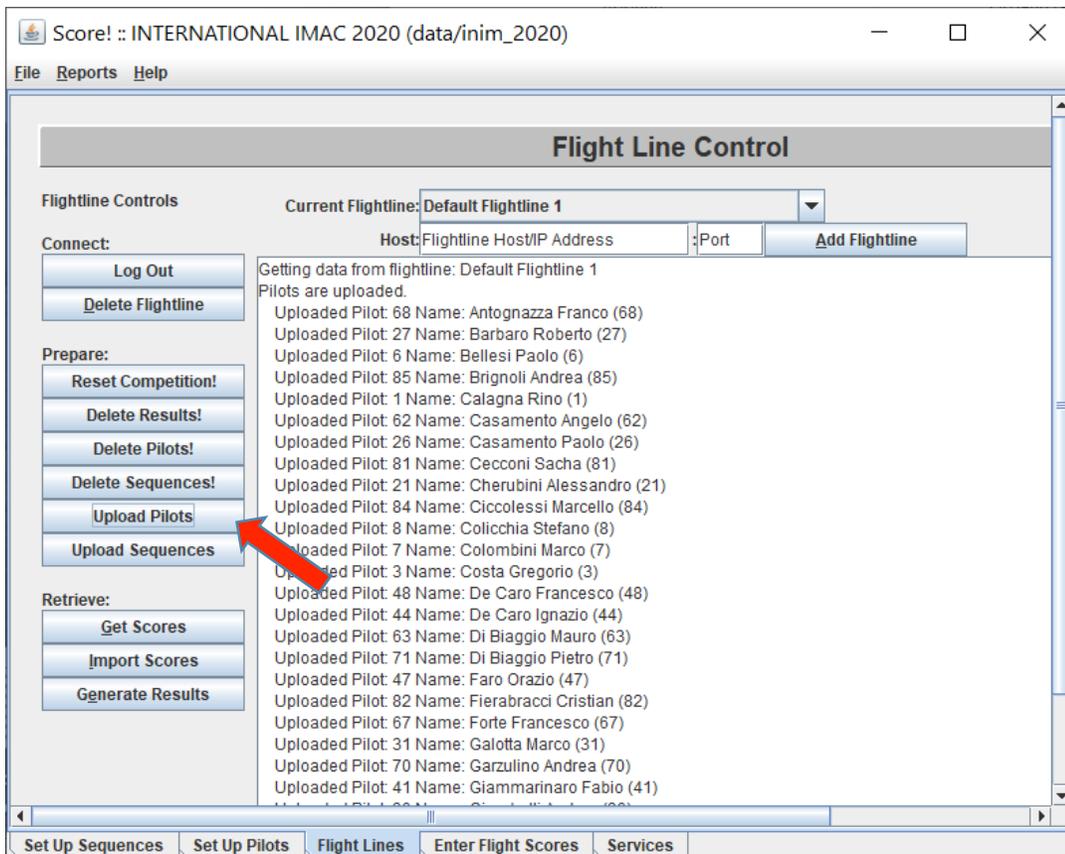
LOGIN

Insert «Admin Name»
Insert «Admin Password»

Login successfully done

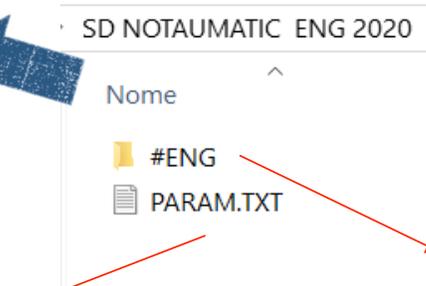
9.g. Upload pilots from Score

From the Score menu, after having logged into FlightLine, import the pilots and sequences database into FlightLine, by clicking on the tabs “Upload Pilots” and “Upload Sequences”

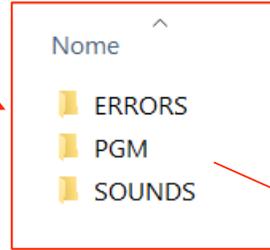


10. Install Noutamatic SD Cards

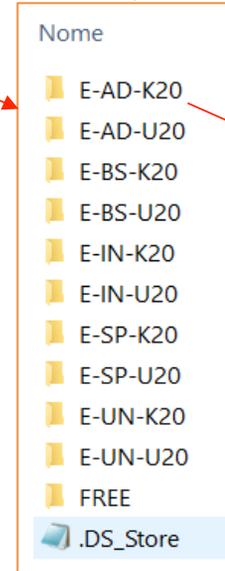
The Noutamatic SD Card must contain the connection parameters enabling Wi-Fi interaction with FlightLine loaded into the Raspberry. The Noutamatic SD Card must be loaded with all the information required to enable all functionalities.



PGM - Competition files



Known Sequences for the current year and Unknown sequences for the competition



Text files, .txt, of each maneuver that will be displayed in the Noutamatic

Nome	Ultima modi...	Tipo
01.OPT	02/03/2019...	File OPT
01.TXT	27/01/2020...	Documento di testo
01.WAV	27/01/2020...	File WAV
01L.WAV	27/01/2020...	File WAV
02.OPT	02/03/2019...	File OPT
02.TXT	27/01/2020...	Documento di testo
02.WAV	27/01/2020...	File WAV
02L.WAV	27/01/2020...	File WAV
03.OPT	02/03/2019...	File OPT
03.TXT	27/01/2020...	Documento di testo
03.WAV	27/01/2020...	File WAV
03L.WAV	27/01/2020...	File WAV
04.OPT	02/03/2019...	File OPT
04.TXT	27/01/2020...	Documento di testo
04.WAV	27/01/2020...	File WAV
04L.WAV	27/01/2020...	File WAV
05.OPT		Tipo elemento - File WAV OPT

WAW audio files enabling the Noutamatic to present the maneuver to the Judge via earphone

SD files index

After having inserted the card in your PC, you have to load the following files:

- ✓ Communication parameters
- ✓ Known sequences
- ✓ Unknown sequences
- ✓ Sound files

```

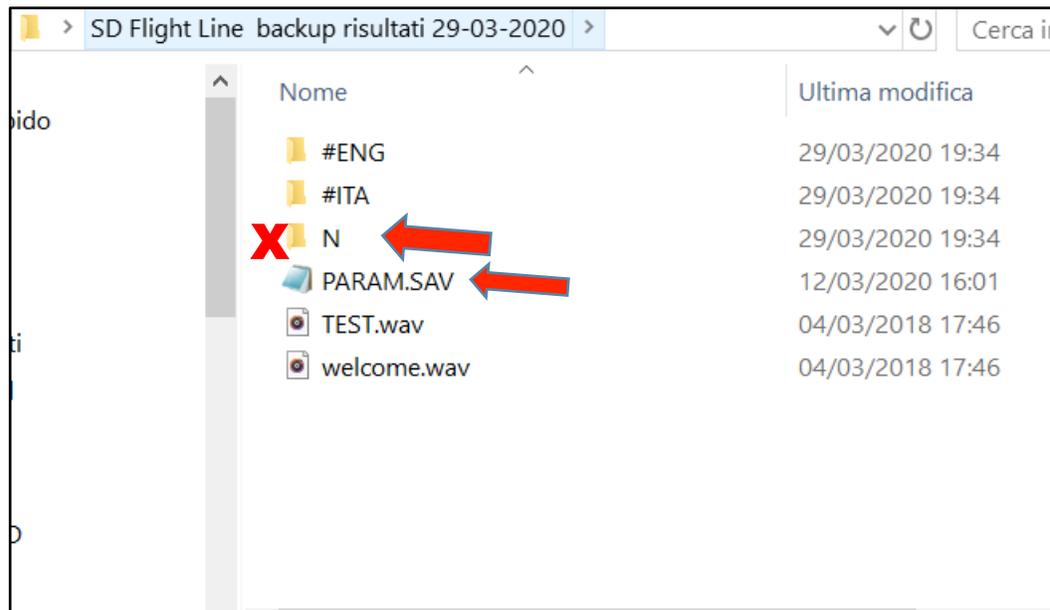
PARAM.TXT - Blocco no...
File Modifica Formato Visualizza ?
LANGUE=4
PROGRAMME=1
JUGE=1
CMP=1
VOL=1
NBFEUIL=1
SSID=IMAC-ENG1
Pw=imacenglish
IPSERVER=192.168.1.9
URLSERVER=192.168.1.9
WIFI=1
NRT=0
CJ=0
    
```

Connection parameters + Competition and Flight identification parameters.

10.a. Check each card



Turn on the judges Notaumatic and start the flight sequence.



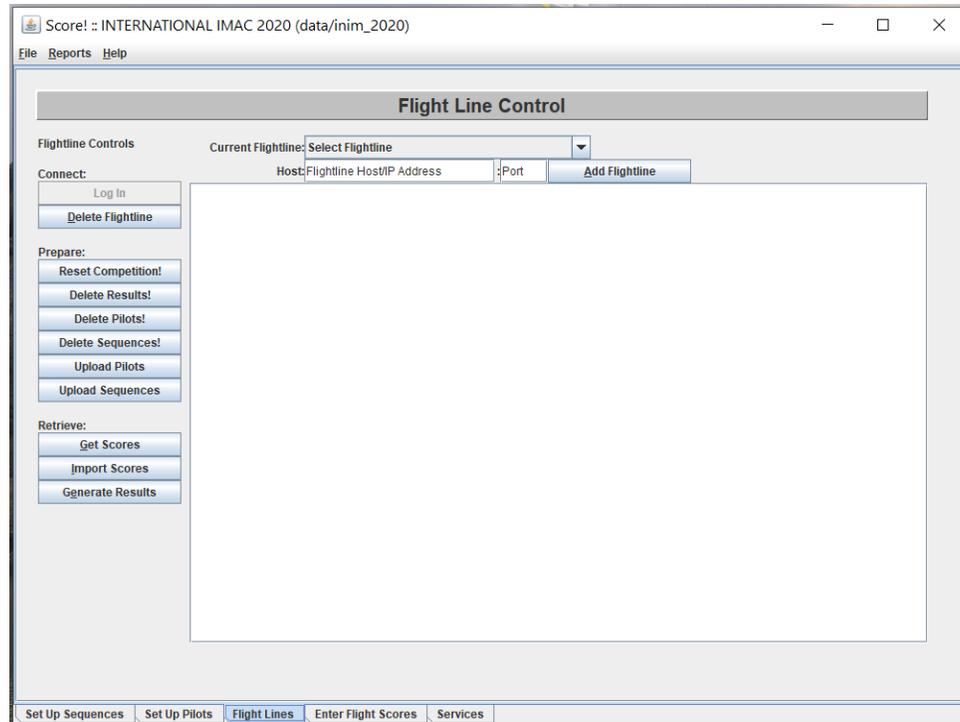
If the pilot number is not loaded when the Notaumatic is switched on, please check the following:

- ✓ make sure the N folder is not present in the SD card. This file contains the data of a previous competition and must be deleted.
- ✓ Also check that the PARAM file has the extension TXT and not SAV

11. Manage the competition

At the field, the day of the competition, start by opening both the Score and the FlightLine controllers on your desktop.

1. Open Score from the Score folder
2. Open FlightLine from Google Chrome



Score Control Deck



FlightLine Control Deck

11.a. Add the first competition round

Score! Flightline controller - Logged in as Comp Admin

LOGOUT LIVE SCORES ADD ROUND

Records per page: 100

CLASS	ROUND TYPE	ROUND NUM.	SCHEDULE
There are no rounds displayed			

Showing 0 to 0 of 0 entries

From the FlightLine control deck, add the first round of the category that is preparing to fly

Add Round

Class:

Round Type: *

Round Number: *

Schedule: *

Number of sequences: *

Add Round

Class:

Round Type: *

Round Number: *

Schedule: *

Number of sequences: *

Add Round

Class:

Round Type: *

Round Number: *

Schedule: *

Number of sequences: *

Add Round

Class:

Round Type: *

Round Number: *

Schedule: *

Number of sequences: *

ADD ROUND

Add the round

11.b. Launch the first competition round

Start the competition by preparing to launch the first round

Score! Flightline controller - Logged in as Comp Admin

LOGOUT LIVE SCORES ADD ROUND

Records per page: 100 Search:

CLASS	ROUND TYPE	ROUND NUM.	SCHEDULE	SEQUENCES	PHASE	STATUS	FUNCTIONS
Sportsman	Known	1	2020 Sportsman Known	Single	Unflown		  

Total of 1 records (showing 1 to 1)

< 1 >

192.168.1.9 dice

Are you sure you want to start flying 'Known' round '1' in class 'Sportsman' ?

OK Annulla

Score! Flightline controller - Logged in as Comp Admin

LOGOUT LIVE SCORES ADD ROUND

Records per page: 100 Search:

CLASS	ROUND TYPE	ROUND NUM.	SCHEDULE	SEQUENCES	PHASE	STATUS	FUNCTIONS
Sportsman	Known	1	2020 Sportsman Known	Single	★Flying		 

Total of 1 records (showing 1 to 1)

< 1 >

Round successfully activated.

11.c. Start the first competition round

Score! Flightline controller - Logged in as Comp Admin

LOGOUT LIVE SCORES ADD ROUND

Records per page: 100 Search:

CLASS	ROUND TYPE	ROUND NUM.	SCHEDULE	SEQUENCES	PHASE	STATUS	FUNCTIONS
Sportsman	Known	1	2020 Sportsman Known	Single	*Flying		 

Total of 1 records (showing 1 to 1)

< 1 >

Click inside the round to open the details

Round Details

Class: Sportsman Some instructions here...
Round: 1
Type: Known Single
Schedule: 2020 Sportsman Known
Next Flight: Sequence 1 for pilot Cherubini Alessandro (21)

Records per page: 50 Search:

PILOT NAME	FLIGHT ID	NEXT FLIGHT	NOTAUMATIC HINT
Cherubini Alessandro (21)	1	Sequence 1	Pilot:21 Flight:1 Comp:2 Schedule:SPO-KN20
Casamento Paolo (22)	1	Sequence 1	Pilot:22 Flight:1 Comp:2 Schedule:SPO-KN20

Total of 2 records (showing 1 to 2)

< 1 >

Select the pilot that is preparing to fly.
The button will change color for confirmation

The pilot will start flying and the
Judges will be ready to score

10.d. Observe scoring during the competition

Score! Flightline controller - Logged in as Comp Admin

[LOGOUT](#)
[LIVE SCORES](#)
[ADD ROUND](#)

Records per page: Search:

CLASS	ROUND TYPE	ROUND NUM.	SCHEDULE	SEQUENCES	PHASE	STATUS	FUNCTIONS
Sportsman	Known	1	2020 Sportsman Known	Single	Flying		<input type="button" value="Pause"/> <input type="button" value="Refresh"/>

Total of 1 records (showing 1 to 1)

< 1 >

During the competition, observe that the scores regularly arrive into FlightLine. In order to do this, open the LIVE SCORES tab. Scores acquired will begin to flash red.

Round scores

Non sicuro | 192.168.1.9/scores/

App NotauScore Posta in arrivo (262) Google Jitsi Meet Pon Infissi Jitsi Meet Accordo... Jitsi Meet Imac Italia Flight Line Fabio1

Auto Refresh

Reload

Round Scores

Class: Sportsman
Round Type: Known Single
Round Number: 1
Schedule: 2020 Sportsman Known
Live Data

Pilot: Cherubini Alessandro (21)

NUM.	FIGURE	SEQ 1 JUDGE 2
1	Lacrima	7
2	Stallo d'ala	6
3	Loop	No Score
4	Immelmann	No Score
5	Gobbeta bassa	No Score
6	Vite	No Score
7	Gobbeta	No Score
8	Pesce rosso	No Score
9	Discesa a 45°	No Score
10	Q loop	No Score
11	Suono	No Score
12	Controllo spazio aereo	No Score

To reduce the acquisition time to 2 seconds, activate the refresh command

Round Scores

Class: Sportsman
Round Type: Known Single
Round Number: 1
Schedule: 2020 Sportsman Known
Live Data

Pilot: Cherubini Alessandro (21)

NUM.	FIGURE	SEQ 1 JUDGE 1 (APP)	SEQ 1 JUDGE 2 (APP)	SEQ 1 JUDGE 3
1	Lacrima	7	6	7
2	Stallo d'ala	6.5	7	6
3	Loop	8	4	7
4	Immelmann	5	Not observed	5
5	Gobbeta bassa	4	7	8
6	Vite	5.5	5	7
7	Gobbeta	7	6	6
8	Pesce rosso	8	7	7
9	Discesa a 45°	6.5	7	8
10	Q loop	7	5.5	5
11	Suono	8	7	6
12	Controllo spazio aereo	7	8	8

11.e. Manage “NO” scores and mistakes

Round Scores

Class: Sportsman
Round Type: Known Single
Round Number: 1
Schedule: 2020 Sportsman Known

Pilot: Cherubini Alessandro (21)

NUM.	FIGURE	SEQ 1 JUDGE 1 [MPP]	SEQ 1 JUDGE 2 [MPP]	SEQ 1 JUDGE 3
1	Lacrima	7	6	7
2	Stallo d'ala	6.5	7	6
3	Loop	8	4	7
4	Immelmann	5	Not observed	5
5	Gobbeta bassa	4	7	8
6	Vite	5.5	5	7
7	Gobbeta	7	6	6
8	Pesce rosso	8	7	7
9	Discesa a 45°	6.5	7	8
10	Q loop	7	5.5	5
11	Suono	8	7	6
12	Controllo spazio aereo	7	8	8

In Score, corrections can be made after each flight, checking the Judges print notes:

- ✓ Confirm “not observed (NO)” or insert the numeric value if reported on the print;
- ✓ Correct values that each judge may have corrected on his print (this is why prints are so important).

Score

Figure: 4
Desc: Immelmann
K-Factor: 15
Rule: 0
Long Desc: Immelmann

Score:

Judge Comment:

CD Comment:

Break:

Score

Figure: 4
Desc: Immelmann
K-Factor: 15
Rule: 0
Long Desc: Immelmann

Score:

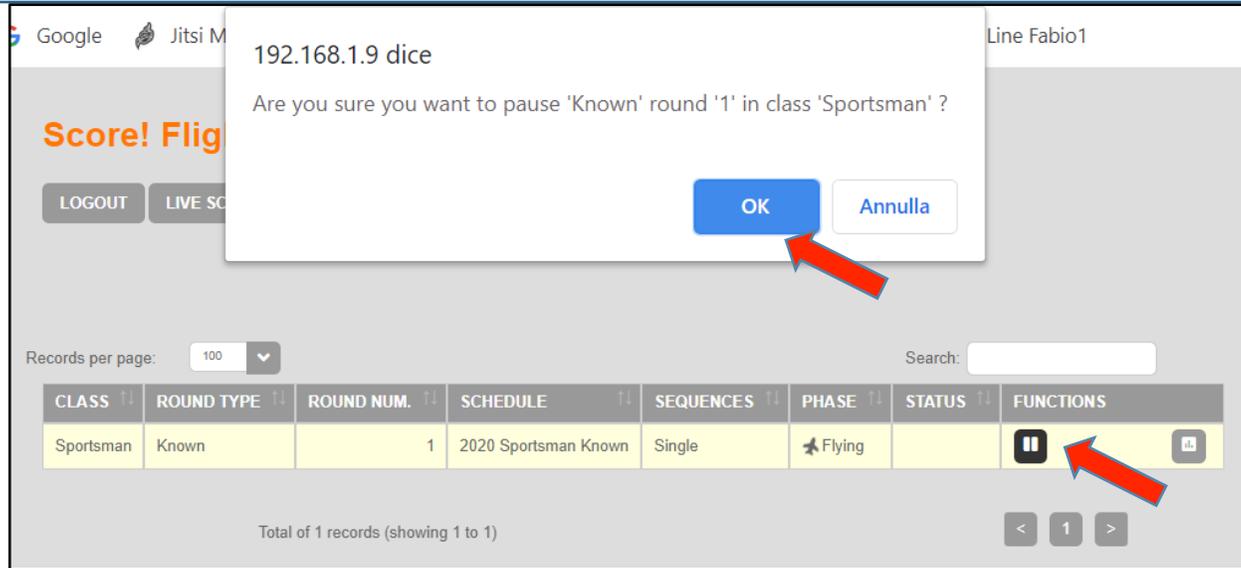
Judge Comment:

CD Comment:

Break:

4	Immelmann	5	5 [adjusted]	5
---	-----------	---	--------------	---

11.f. Close the round



192.168.1.9 dice

Are you sure you want to pause 'Known' round '1' in class 'Sportsman' ?

OK Annulla

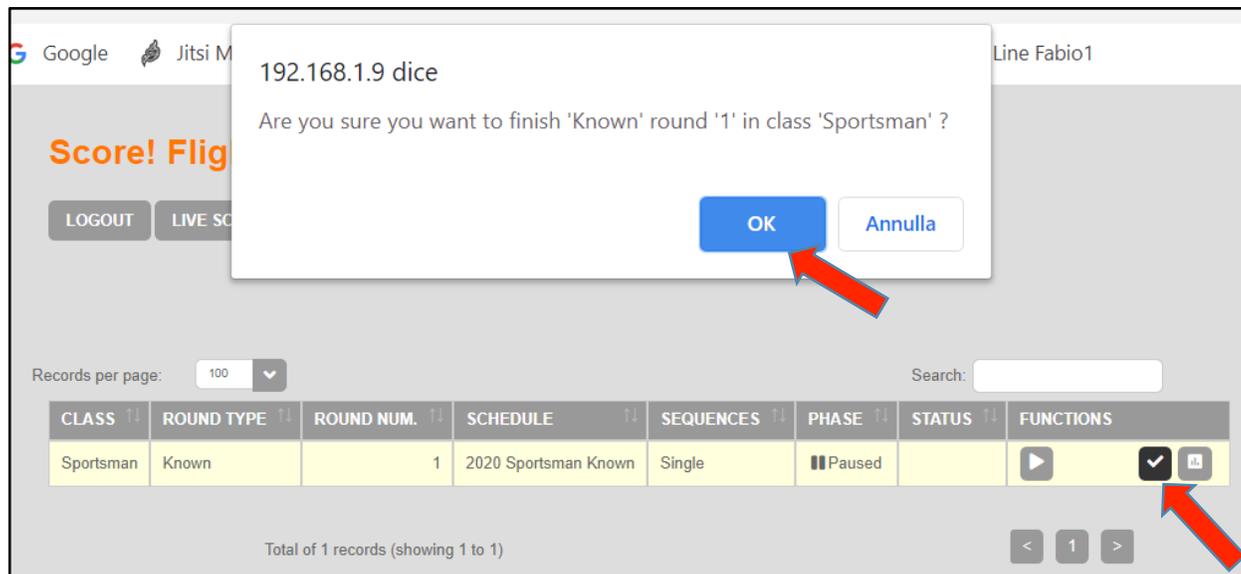
Records per page: 100 Search:

CLASS	ROUND TYPE	ROUND NUM.	SCHEDULE	SEQUENCES	PHASE	STATUS	FUNCTIONS
Sportsman	Known	1	2020 Sportsman Known	Single	Flying		 

Total of 1 records (showing 1 to 1)

Once all judges have completed their voting process, close the round by:

1. Pause the round;
2. Close it by clicking of the confirmation button.



192.168.1.9 dice

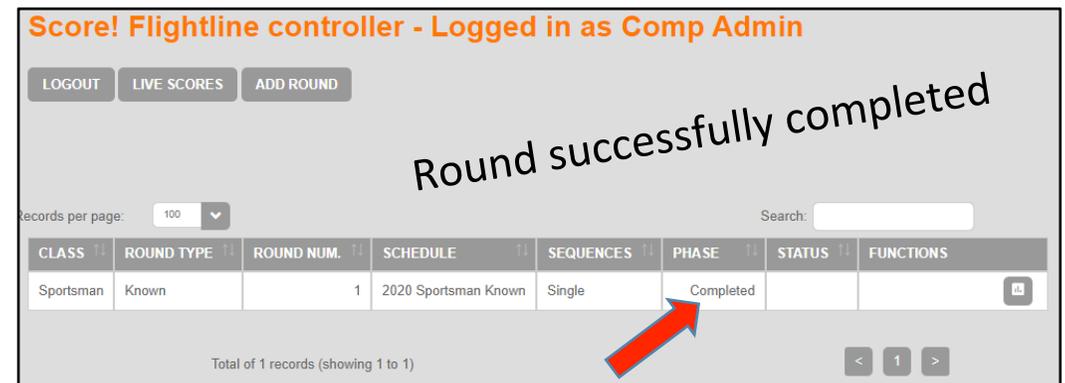
Are you sure you want to finish 'Known' round '1' in class 'Sportsman' ?

OK Annulla

Records per page: 100 Search:

CLASS	ROUND TYPE	ROUND NUM.	SCHEDULE	SEQUENCES	PHASE	STATUS	FUNCTIONS
Sportsman	Known	1	2020 Sportsman Known	Single	Paused		 <input checked="" type="checkbox"/> 

Total of 1 records (showing 1 to 1)



Score! Flightline controller - Logged as Comp Admin

LOGOUT LIVE SCORES ADD ROUND

Records per page: 100 Search:

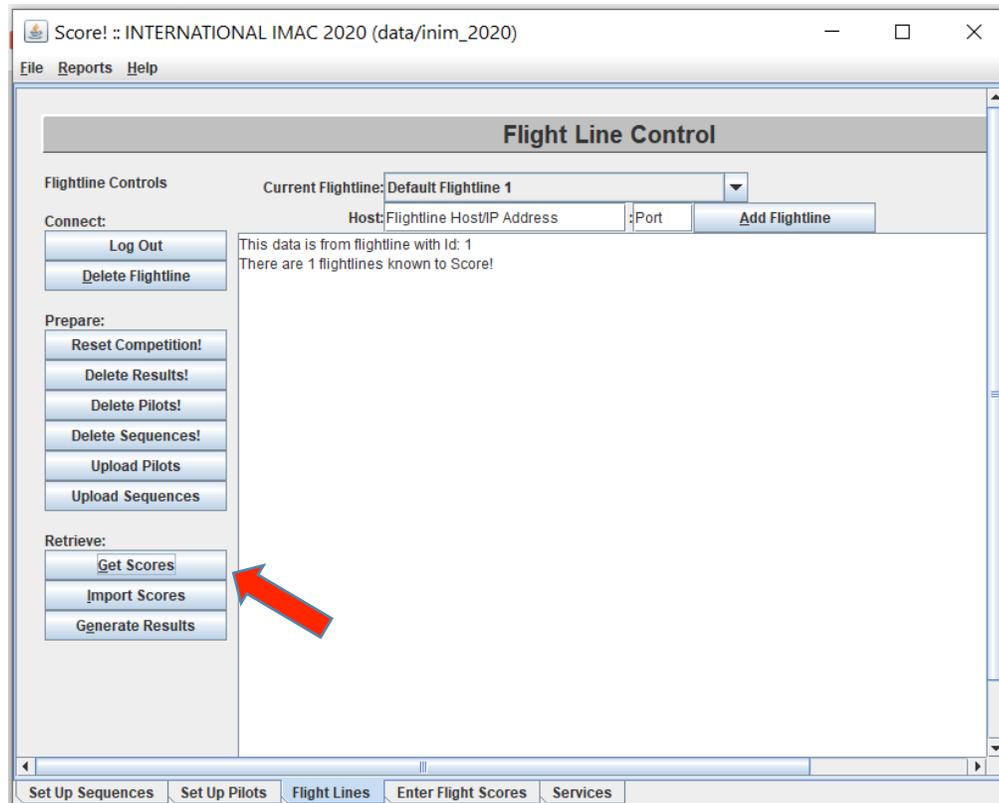
CLASS	ROUND TYPE	ROUND NUM.	SCHEDULE	SEQUENCES	PHASE	STATUS	FUNCTIONS
Sportsman	Known	1	2020 Sportsman Known	Single	Completed		

Total of 1 records (showing 1 to 1)

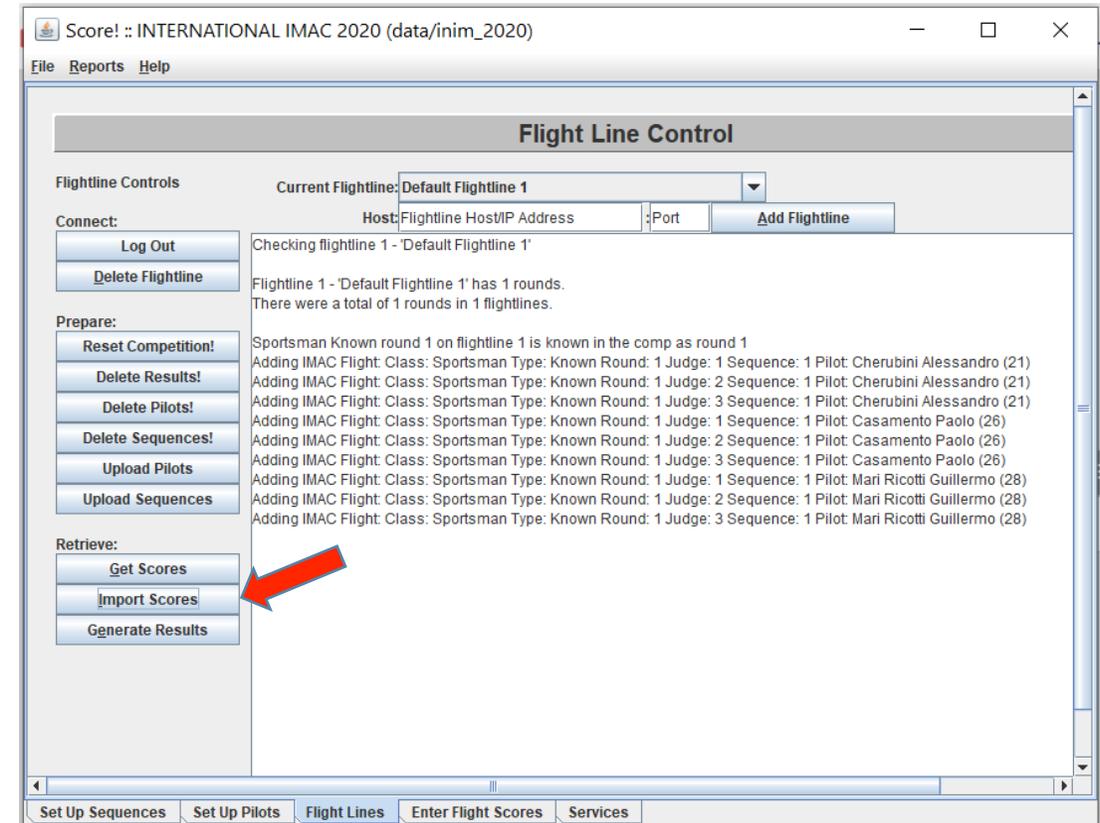
Round successfully completed

11.g. Import data from FlightLine to Score

IMPORT INTO SCORE ALL ROUND DATA FROM FLIGHTLINE

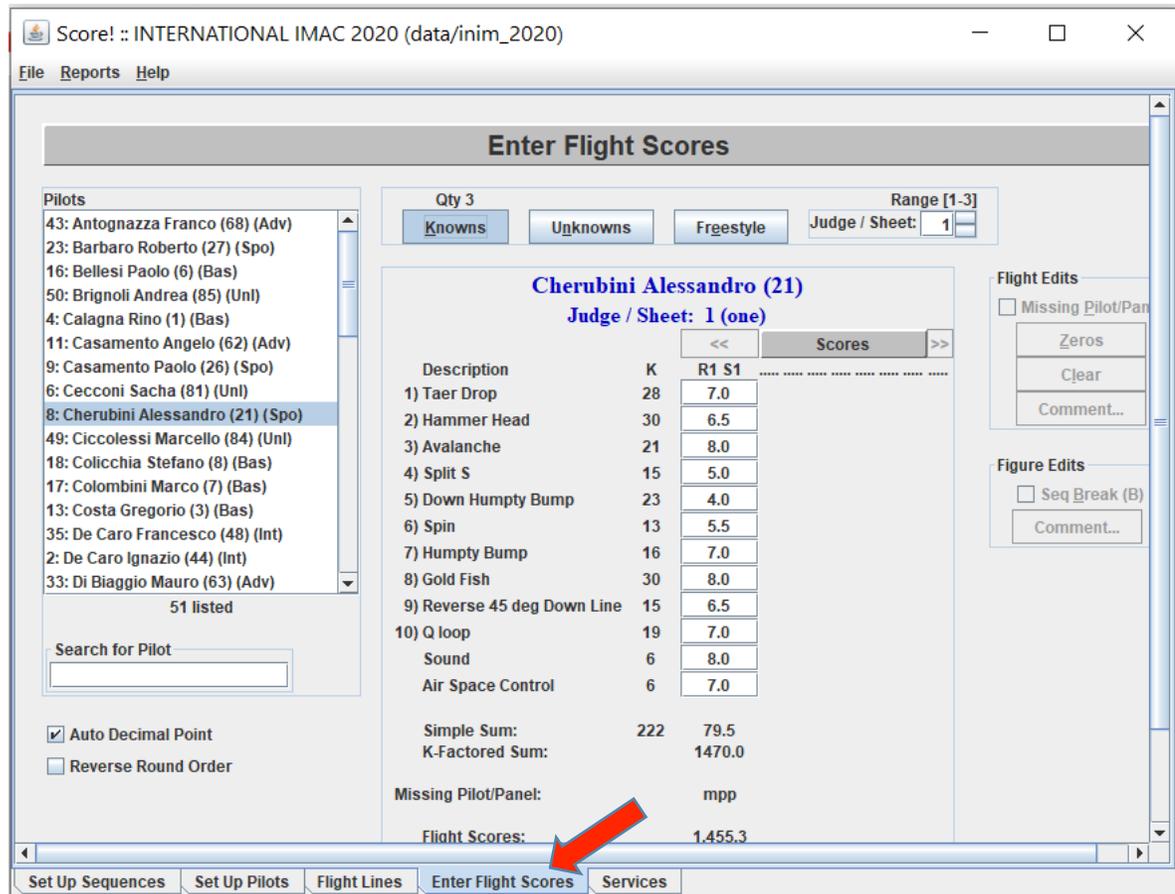


To import the scores, first select **Get Scores** in the Score menu



and click on **Import Scores**

11.h. View and print round results in Score



Score! :: INTERNATIONAL IMAC 2020 (data/inim_2020)

File Reports Help

Enter Flight Scores

Qty 3 Range [1-3]
Knowns Unknowns Freestyle Judge / Sheet: 1

Cherubini Alessandro (21)
Judge / Sheet: 1 (one)

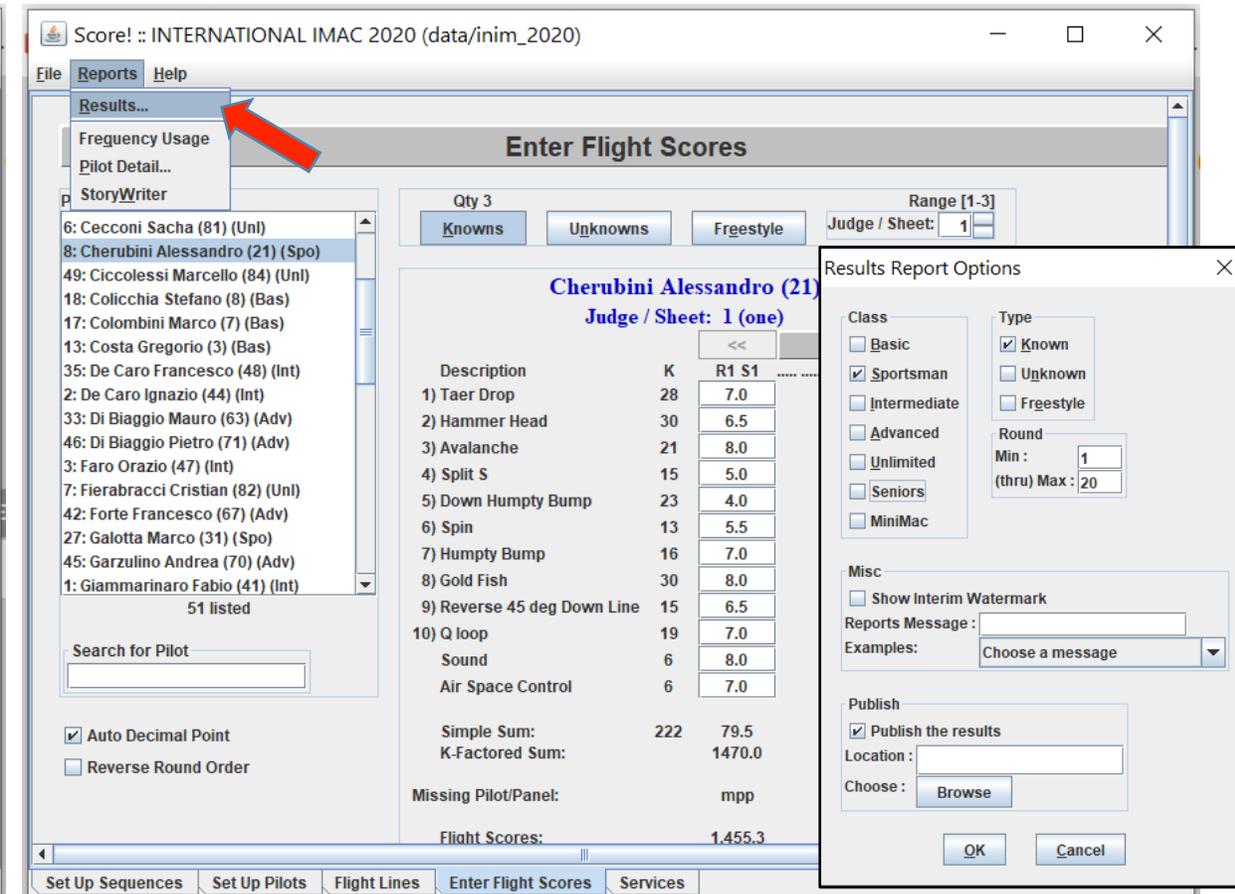
Description	K	R1	S1
1) Taer Drop	28	7.0	
2) Hammer Head	30	6.5	
3) Avalanche	21	8.0	
4) Split S	15	5.0	
5) Down Humpty Bump	23	4.0	
6) Spin	13	5.5	
7) Humpty Bump	16	7.0	
8) Gold Fish	30	8.0	
9) Reverse 45 deg Down Line	15	6.5	
10) Q loop	19	7.0	
Sound	6	8.0	
Air Space Control	6	7.0	
Simple Sum:	222	79.5	
K-Factored Sum:		1470.0	
Missing Pilot/Panel:		mpp	
Flight Scores:		1.455.3	

Search for Pilot

Auto Decimal Point
 Reverse Round Order

Set Up Sequences Set Up Pilots Flight Lines **Enter Flight Scores** Services

If needed, view scores of each flight



Score! :: INTERNATIONAL IMAC 2020 (data/inim_2020)

File Reports Help

Results...
Frequency Usage
Pilot Detail...
StoryWriter

Enter Flight Scores

Qty 3 Range [1-3]
Knowns Unknowns Freestyle Judge / Sheet: 1

Cherubini Alessandro (21)
Judge / Sheet: 1 (one)

Description	K	R1	S1
1) Taer Drop	28	7.0	
2) Hammer Head	30	6.5	
3) Avalanche	21	8.0	
4) Split S	15	5.0	
5) Down Humpty Bump	23	4.0	
6) Spin	13	5.5	
7) Humpty Bump	16	7.0	
8) Gold Fish	30	8.0	
9) Reverse 45 deg Down Line	15	6.5	
10) Q loop	19	7.0	
Sound	6	8.0	
Air Space Control	6	7.0	
Simple Sum:	222	79.5	
K-Factored Sum:		1470.0	
Missing Pilot/Panel:		mpp	
Flight Scores:		1.455.3	

Search for Pilot

Auto Decimal Point
 Reverse Round Order

Set Up Sequences Set Up Pilots Flight Lines **Enter Flight Scores** Services

Results Report Options

Class: Basic, Sportsman, Intermediate, Advanced, Unlimited, Seniors, MiniMac

Type: Known, Unknown, Freestyle

Round: Min: 1, (thru) Max: 20

Misc: Show Interim Watermark

Reports Message:

Examples: Choose a message

Publish: Publish the results

Location:

Choose: Browse

OK Cancel

By selecting from the Result pull-down menu, the results can be viewed and printed. For an optimal visualization it is advisable to extract the results by single category and then print them

11.i. View and print rankings

INTERNATIONAL IMAC 2020 Contest Results

As of 10-giu-2020 22:42

[Mobile view](#)

Sportsman

Final scores in Sportsman ranged from a low of **954,1** to a high of **1.000,0** (a range of 45,9)

Rank	Pilot	Final Score	Known
			Round 1
			Seq 1
1	Mari Ricotti Guillermo (28)	1.000,0 67,5%	1.000,0 67,5%
2	Casamento Paolo (26) (Katana)	961,3 64,9%	961,3 64,9% [pp]
3	Cherubini Alessandro (21) (Extra 330 SC Krill)	954,1 64,4%	954,1 64,4% [pp]

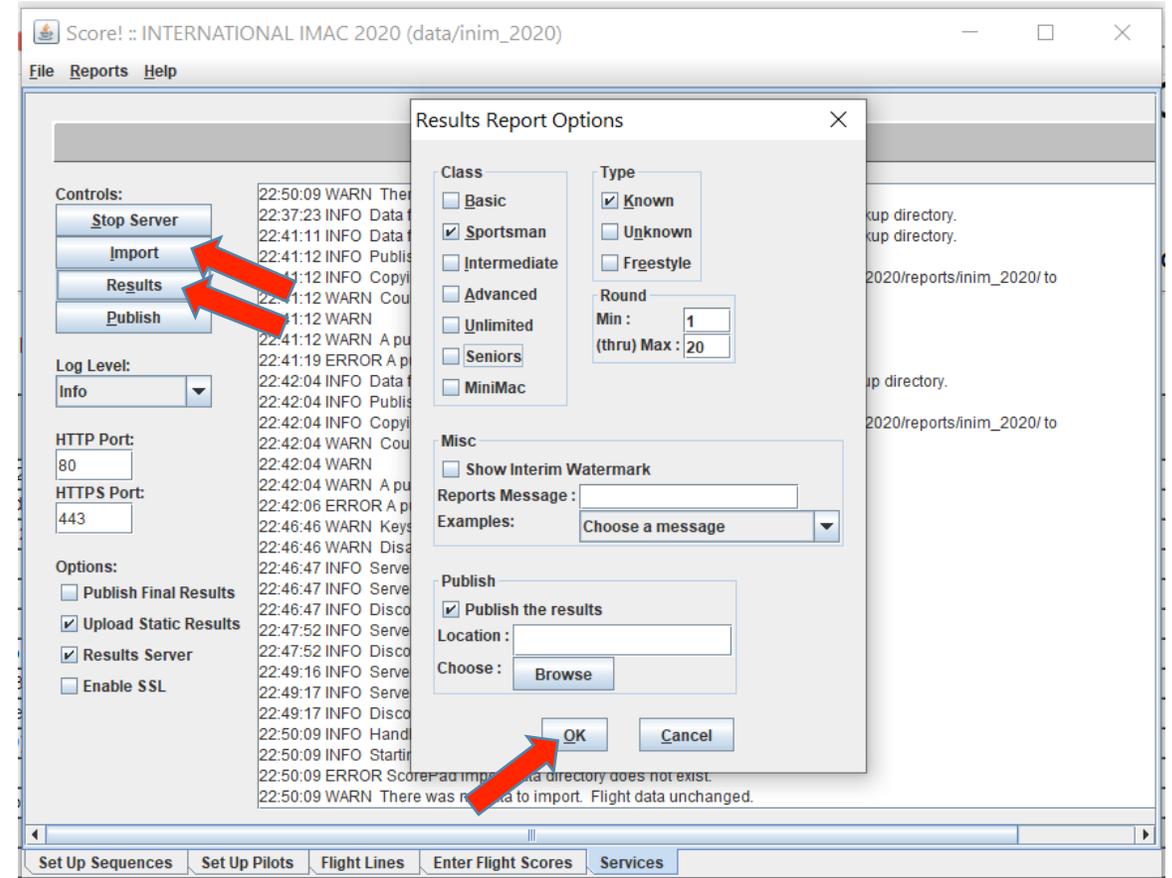
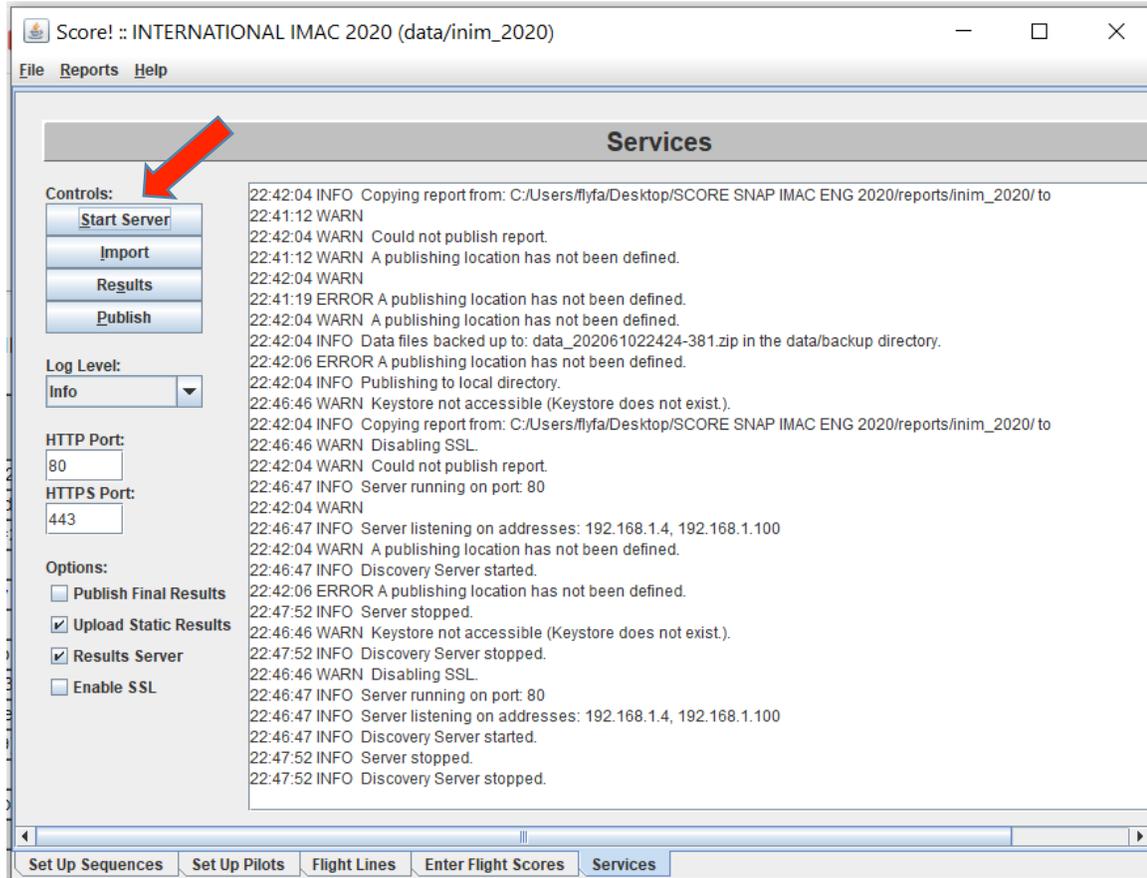
[pp] - "Missing scale pilot/panel" penalty was assessed.

Note: Flights without a scale pilot and panel installed are assessed a penalty.

Report Parameters: Divisions=Sportsman; Knowns=Yes; Unknowns=No; Freestyle=No; Rounds=1-20

Score! v4.32-RELEASE; Elapsed time to create report: 170ms

11.j. Start server and import mobile visible scores



11.k. View scores on smartphones and tablets

